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GREAT TREE COULD BUILD 500 HOUSES

Seed That Took Root 4000 Years Ago in California Still Persists

INSPIRES RESPECT FOR ALL FORESTRY

Yet Sequoia Was 3946 Years Old Before United States Began Forest Work

With the idea of making still clearer the great need for action with regard to forest preservation, reforestation, and fire prevention in the United States, a series of 12 articles, of which this is the first, has been scheduled to run daily for two weeks.

By ROBERT SPARKS WALKER

Six hundred years before Moses received the Ten Commandments on Mt. Sinai there burst forth in the mountain soil of what is now known as California a growing thing from a small forest seed. The sprouting of that insignificant looking object was a common occurrence. Every year one may observe the same thing happening over and over wherever trees and plants will grow.

But the growth that was lying dormant in that kernel is still in evidence and of sufficient importance to attract the attention of the civilized world. It is now 4000 years old and is still advancing with the prospect of many years to come. It has added layer after layer of new material each year until within the last 40 centuries it has accumulated enough timber to build 500 houses of five rooms each!

Compare this progress and achievement of one tree to the career of a man, and it gives one a mystery over which to ponder.

This Sequoia was 3946 years old when it witnessed the first national movement on the part of the United States to conserve the forests of our country. It was only 54 years ago that the United States Department of Agriculture appointed Dr. Franklin B. Hough as special agent to make a close study of our forests—proof that some persons were beginning to meditate seriously over the approaching end of our magnificent forests.

Penn, First Conservationist

But long before that date, William Penn was wise enough to require for every five acres of land cleared one should be left in growing trees. In 1886, just 10 years after the appointment of a forest agent, the division of forestry was created in the Department of Agriculture. However, it was handicapped from the beginning with the meager appropriation of not more than $30,000. Since then the national interest has grown until the appropriation alone for the maintenance of our national forests, exclusive of the forest service, is $7,195,230 for 1930.

When a Senate resolution in 1920 called on the forest service to furnish a report of the depletion of American

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1916 War Papers Reveal Efforts to Make Peace

WASHINGTON (AP)—A bulky volume of state documents, publication of which was delayed a year to avoid any international embarrassment while discussions preceding the London Naval Conference were in progress, shed new light, Oct. 20, on the diplomatic maneuvers of 1916.

The new publication issued by the State Department, reproduces notes exchanged between the powers and between American diplomats and the department during the period preceding entry of the United States into the World War. It was printed a year ago and prepared for distribution to the press on Aug. 7, 1929, but was withheld until the London treaty was ratified by its signatories.

Many of the papers contained were published at the time the notes were exchanged between the governments. Others, particularly communications to and from this country's foreign representatives, and memoranda on conversations between American officials and foreign diplomats here, are new to the public. By far the larger part of the volume deals with the subject of neutral rights. Another section covered peace overtures by the central powers and their reception by the Allies.

All the talk of peace, including the important message from James W. Gerard, formerly United States Ambassador in Berlin, on May 2, informing this Government after a lengthy conversation with the Kaiser, that he had the best reason to believe Germany would welcome mediation by President Wilson, is reproduced.

On Sept. 25, 1916, Germany voiced readiness to send delegates to a peace conference. In October the British Ambassador told the State Department his Government regarded the German proposal "insincere." On Dec. 12 the central powers communicated a definite offer for peace to the Allies, through the United States Secretary of State. The Allies turned it down.

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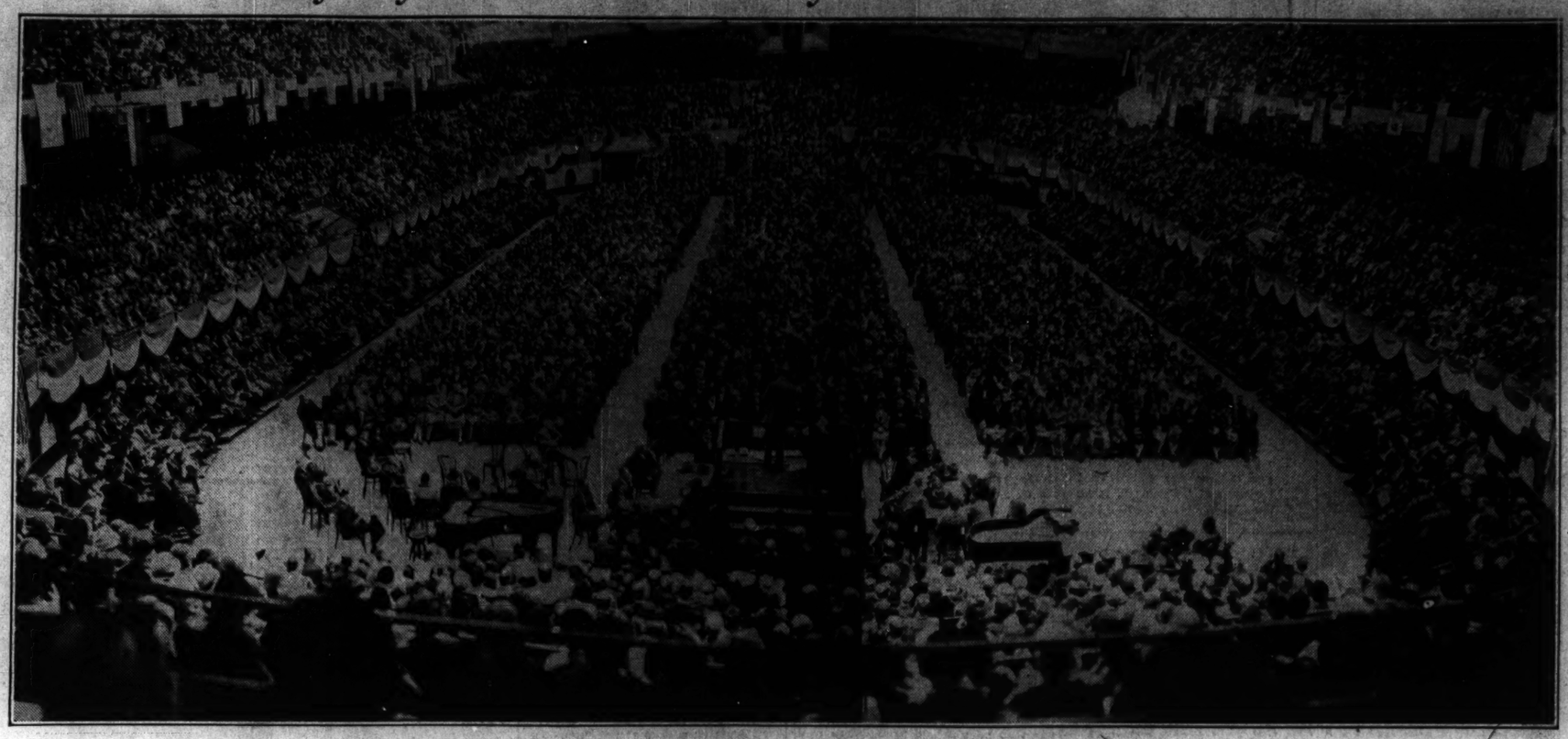
They Say the Massachusetts Dry Act Shall Stand Untouched



A Few of the 15,000 Persons Who Met in Boston Garden Sunday in Protest Against Repealing the "Baby Volstead Act."

Kemal Party Wins Istanbul Elections

BY THE ASSOCIATED PRESS

Istanbul, Turk.

MUSTAPHA KEMAL'S and Ismet Pasha's People's Party triumphed in the Istanbul municipal elections, results published Oct. 19 showed.

Fethi Bey's new Liberal Party received only one-third of the votes cast.

Thebaud Wins Deciding Race for Lipton Cup

Beats Bluenose by Almost Eight Minutes for Lipton and Davis Cups

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

GLOUCESTER, Mass.—The international fisherman's races off this port closed on Oct. 18, when the Gertrude L. Thebaud of Gloucester won the second and deciding race for the Lipton and Davis cups from the Nova Scotia schooner Bluenose, by 7m. 57s. The race was sailed in a fresh breeze from the west north west, and over a comparatively smooth sea. The Bluenose led over about a third of the 37¾-mile course and then seemingly threw way the contest and a chance to tie the series by failing to cover the Thebaud in a six-mile beat on the third leg of the 18-mile triangle in the first round.

Both boats sailed the course in fast time, the Thebaud averaging 8.78 knots and the Bluenose 8.49 knots, while on the reach along the second leg in the second time round they attained a speed of 12½ knots, the fastest that they had developed in the series.

The winners will be awarded cups and prize money at a meeting in the city hall Oct. 20, followed by the usual parade. The Bluenose will return to Lunenburg, N. S., at once to refit for a second series to be sailed off Halifax in the next two or three weeks, while the Thebaud will be taken to Boston to have her mainmast

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China Note Styled 'Paper Promise'

BY RADIO TO THE CHRISTIAN SCIENCE MONITOR

MOSCOW—A "paper promise" is the description applied here to the note received from the Mukden Government in which it promises to punish Russian Whites engaged in anti-Soviet activities and to send troops to fight bands of Whites operating along the Chinese Eastern Railway.

The Soviet Government notes with satisfaction that Mukden, unlike Nanking, recognizes the validity of the Habarovsk agreement which restores the status quo on the railway after the dispute of last year, but is less pleased at the intimation that the Chang Hsueh-liang Government considers it would be inhuman to dismiss the Russian Whites from the service of the Chinese police and other institutions, if their behavior is correct and they do not participate in anti-Soviet movements.

In the opinion of the Soviet Government local Chinese officials do not hinder and do not punish the Whites, but fight them with words and paper and not deeds. The press asserts that Whites assassinated two Soviet officials on the Chinese Eastern Railroad last week. Izvestia says that only the full carrying out of the demands of the Soviet note of Oct. 7 can guarantee the friendly relations and cooperation of the two countries.

FEDERAL ARMY IN BRAZIL NOW USING AIRPLANES

Police Machines Do Duty; Public Kept in Touch With War by Radio

RIO DE JANEIRO (AP)—Four American airplanes comprise part of the military equipment being used by the Brazilian Government to put down the rebellion.

The machines, owned by the Sao Paulo state police, were equipped with machine guns several days ago and now are doing active duty against the rebels in the state of Parana, near the Sao Paulo border. They also are used for bombing, but since they are not equipped with racks all bombs must be dropped by hand.

A foreign engineer brought word Oct. 20 that the city of Campos, a sugar-making center in the State of Rio de Janeiro, 137 miles northeast of the federal capital, had never been menaced by rebels from the State of Minas Geraes. Previous reports had indicated that the town was endangered by bands slipping over the near-by Minas Geraes border.

The people of Rio de Janeiro and Sao Paulo are kept informed of federal progress in the present warfare by government radiocasting stations, which go on the air every night with communiqués, pointing out the situation and answering the claims of revolutionary forces.

One point stressed in such talks is the possibility of Communist trouble, the Government warning all Brazilians against such movements.

Government sources said that the federals are maintaining all positions on the Sao Paulo-Parana front, and advancing against the rebels in southern Minas Geraes.

PORTO ALEGRE, RIO GRANDE DO SUL, Brazil (AP)—The rebel siege about Florianopolis, sole federal

(Continued on Page 4, Column 4)

Massachusetts' Forces Rally to Support of State Dry Law

15,000 Throng Boston Garden to Prepare Way for 'No' Vote on Proposal to Repeal the State Enforcement Act

"Vote 'No!'"

With this rallying cry, 15,000 or more Massachusetts drys, fighting for the retention of the State Enforcement Act of 1923 were equipped in Boston Garden, Oct. 19, with facts and arguments to present a formidable defense at the ballot boxes in November.

Two resolutions were acclaimed: first, to support the ideal of law observance proclaimed by President Hoover, and second, to win the war for law and order in Massachusetts by a resounding "No!" against repeal of the "Baby Volstead Act."

The Weymouth Post Band started playing shortly after 1 o'clock. As the seats began to grow limited, the Rev. I. W. Williamson called on the audience to join in singing rally songs. Then a quartet of Negro boys from the Normal and Industrial School at St. Augustine, Fla., sang southern jubilee songs; other choruses were sung and solos rendered.

Dr. A. Z. Conrad, president of the Prohibition Loyalty League in Massachusetts, who presided, called on the Rev. Dr. J. W. Brougher, pastor of Tremont Temple to offer prayer.

"The stars in their courses that fought against Sisera," declared Dr. Conrad, "are fighting today in defense of the right, honor, sanctity and sanity of this Commonwealth. No pageant flashing before the eyes of Massachusetts people during this tercentenary year has surpassed in splendor this spectacle today.

"This vast concourse is a witness to New England and the world that the heart of Massachusetts beats true to the ideals of the American Republic. Assembled in the interest of one of the greatest causes that has ever claimed the attention of the people of the United States, we shall rededicate our efforts here today to carry forward our slogan, 'For God, and for Home, and for the Constitution!'"

Dr. Conrad read a telegram from William E. Borah (R.), Senator from Idaho, explaining his inability to attend and address the meeting as advertised owing to the nature of his campaign itinerary, but assuring the league of his complete sympathy with its aims.

"The purpose of your meeting," Mr. Borah's message said, "rises above party and represents nothing less

(Continued on Page 4, Column 1)

Soviet Paper Tells Harrowing Tale of American Jobless

BY RADIO TO THE CHRISTIAN SCIENCE MONITOR

MOSCOW—His opposition to inflation of the currency is understood to be the reason for the removal of Nicolai Bruhanoff, Commissar of Finance, which is just announced. Gregory Grinko, energetic Communist, formerly Commissar of Education in the Ukraine and recently Vice-Commissar of Agriculture, has been appointed his successor.

It is simultaneously announced that Iuri Piatakoff has been removed from the presidency of the State Bank, and his place filled by Moses Kalmanovitch, the other Vice-Commissar of Agriculture. A shortage of money has recently been felt in the Soviet Union resulting from the difficulties of buying up the grain from the present harvest. During the past year Soviet currency has increased more than 50 per cent for the purpose of meeting the demands of the huge new constructional program.

Depreciation of the currency has naturally resulted in reducing the purchasing power of wages, and to encourage Russia to tighten its belt the newspaper Workers Gazette, enjoying the widest circulation among Soviet workers, printed a long article Oct. 19 stating that 8,000,000 to 10,000,000 were unemployed in the United States, not counting workers on part time, and stating that undoubtedly the number of unemployed would reach 10,000,000 before the end of the year.

The Workers Gazette declares that American capitalists are constantly lowering the living conditions of the workers, many of whom live six or seven in a single room. "No end is seen to the crisis. American workers face in the coming winter death from starvation. Forty million Americans are condemned to hunger," the newspaper declares.

SIKORSKY DEMANDS BAR ON COMMUNISTS

BRIDGEPORT, Conn. (AP)—Igor I. Sikorsky, president of the Sikorsky Aviation Corporation advocated Oct. 18 that all alien Communists be immediately expelled from the United States; that the Communist Party be outlawed; that no imports from Soviet Russia be admitted to this country and that, under no circumstances, should the Russian Government be recognized.

He was chairman at a meeting of more than 100 representatives of the Russian-American colony in Connecticut, held in American Legion Hall this afternoon.

The anti-Communistic meeting was conducted under the auspices of the Association of Russian Right Men and the Association of Russian Veterans of the World and Civil Wars. At the conclusion of his address, Mr. Sikorsky offered a resolution denouncing Communism which was unanimously adopted by those present, representing, he said, more than 3000 Russians in the State.

Kingsford-Smith Cuts Five Days Off England-to-Australia Record

Airman Reaches Port Darwin in Less Than Ten Days in Lone Flight

PORT DARWIN, Australia (AP)—Wing Commander Charles Kingsford-Smith, continuing across the continent his record-breaking England-to-Australia flight in the Southern Cross Jr., took off from the airdrome here at 6:30 a. m. Oct. 20 for Sydney.

The new mark established at Lieutenant-Colonel Kingsford-Smith's landing is 9 days 23 hours, which is 5 days and 2½ hours better than the previous record of 15 days and 2 hours, established in February, 1928, by Bert Hinkler. Lieutenant-Colonel Kingsford-Smith, who has made successful transpacific and transatlantic flights, left Heston airdrome, England, at 5:30 a. m. Oct. 9, and landed here at 2 p. m., Oct. 19 (4:30 a. m. Greenwich time and 11:30 p. m. Oct. 18 in New York), after the over-water hop from Timor, Malay Archipelago.

Behind him on the Island of Timor he left Flight Lieutenant C. W. Hill, who on the verge of breaking Hinkler's record by a day himself, turned over his plane on a beach between Koepang and Atapulle, Timor, smashing both wings of his plane. Lieutenant Hill himself escaped uninjured but his mishap allowed Lieutenant-Colonel Kingsford-Smith to overtake him and get to Australia first.

Describing the last lap of his flight, over the Timor Sea, Lieutenant-Colonel Kingsford-Smith said it was the best he had ever made and that he had averaged 110 miles per hour. He said he had to allow a variation of five degrees, owing to a strong wind, but he had sighted Bathhurst Island, near here, at the time he had expected.

He was loud in praise of the 135-horsepower single-engined Avro Avian plane, which brought him safely across 10,000 miles.

Beats Hinkler Time

Underwood

CHARLES KINGSFORD-SMITH

REICH CABINET'S VICTORY CALLED RESPITE ONLY

Government's Next Step Is to Present Its Bills to State Council

BY RADIO TO THE CHRISTIAN SCIENCE MONITOR

BERLIN—Much was accomplished in the Reichstag session on Oct. 18, which lasted uninterruptedly from 10 in the morning till 1 the next morning.

Dr. Bruening's Cabinet, after days of unprecedented opposition, came off victorious by a majority of 82, the debt liquidation bill with a transitional foreign credit grant was passed by a large majority, numerous motions of non-confidence both in the Government and Dr. Julius Curtius, Foreign Minister, were passed over for regular proceedings, emergency laws were relegated to committees, and finally adjournment of the Reichstag till Dec. 3 was decided.

All remained quiet until late in the afternoon when disturbances and attacks from extremists arose and Dr. Bruening was compelled on one occasion to reply when, though usually a particularly quiet speaker, he proved himself a powerful vindicator of the national honor.

How long the present Government will last is uncertain, the Social Democrats making no secret that they supported it only to prevent further disaster. Their amendments of the emergency laws will be many and unconditionally demanded. The real fight is still to come and work will be actively carried on during the recess which it is believed will be of shorter duration than announced.

The demands of the Fascists remain the same, namely removal of Jews from all public offices, confiscation of the banks for the State, penal servitude for so-called economic treason, general conscription and elimination of the Versailles Treaty and the Dawes and Young plans.

The Chief of Police has issued a reward of 5000 marks for information leading to the arrest of the organizers of excesses against Jewish shops, which there is reason to believe was a planned scheme and not the action of irresponsible rowdyism.

BERLIN (AP)—Victory of the Government in the Reichstag on Oct. 18 produced a pronounced effect on the Boerse Oct. 20 where gains up to 10 points on principal issues were recorded almost from the start. As the season progressed some issues registered gains as high as 14 points.

Hamburg Fascists Lose 1730 Votes

BY THE ASSOCIATED PRESS

Hamburg, Ger.

THE Fascists received only 3800 votes in the Hamburg municipal and state elections, results of which were announced Oct. 20.

In the recent Reichstag elections the party obtained 5530 votes.

Russia Needs Ready Money, Italy Is Told

Soviet Grain Invades Italian Market—All Competitors Underquoted

BY RADIO TO THE CHRISTIAN SCIENCE MONITOR

ROME—The importation of Russian grain into Italy is now making itself felt in the Italian market. The center of activities is Genoa, where the Soviets have established their headquarters for distribution. Several grain ships are regularly in dock unloading, and others are under orders to depart for Russian ports for renewed cargoes.

The quantities already received mark in succession an impressive increase—during August 60,000 quintals were unloaded at Genoa, while 200,000 quintals were unloaded in the second half of September alone, and for the first fortnight of the present month, the amount dumped reached 325,000 quintals.

The Russian grain which entered Italy by rail via Switzerland is not included in these figures.

In answer to a Parliamentary question, the Minister of Agriculture publishes statistics to show that the position contains nothing abnormal in comparison with pre-war imports from Russia and in view of the present crisis in the world's markets. He adds that the Government is keeping a "vigilant eye" on the situation.

The commercial treaty renewed with Russia last August allows an intensified exchange of trade, of which this Russian invasion of the grain market is the first striking evidence. The Russian headquarters at Genoa asserts that Russia is capable of supplying all Italy's needs. The only condition is ready money. Russian prices underquote all competitors, and even Italy's strong protective tariff, which stands in round figures at 610 lire a ton, is assailed.

Trade Stability Enjoyed by France Best in World, Tardieu Declares

BY CABLE FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

PARIS—The exceptional economic stability which France is enjoying in this time of world crisis was the keynote of a speech delivered by André Tardieu, Premier, at Delle, near Belfort, in his own constituency close to the German frontier, Oct. 19.

Declaring that the country's situation was fundamentally sound, M. Tardieu pointed out that French currency is covered by 50,000,000,000 gold francs and the French share in the world's gold has almost doubled in two years. Deposits in savings banks, he said, have risen from 15,000,000,000 francs in 1926 to 32,000,000,000 in 1929, and the first half of 1930 shows an additional increase of 12 per cent.

Government securities have surmounted the crises, he continued, with the result that French 3 per cents have risen from 66 francs in 1928 to 87 francs today and 7 per cents have risen in New York from 108 to 120 in one year. Only three other countries, Holland, Switzerland and Sweden see their state securities capitalized as high as France, he added.

"We are alone," declared M. Tardieu, "in making in the first half of 1930 an important increase in issues; namely, 11,500,000,000 francs, as compared with 15,000,000,000 for all of 1929. As for transferable securities yielding variable returns, they have declined less in France during the last six months than all foreign securities."

The Premier went on to show that French industry, although experiencing severe competition, had shown in the first four months of 1930 a 4 per cent increase over the general index for 1928, and that other indices such as railway receipts and the number of loaded cars, revealed the same stability. Although exports have declined, they have done no less than in neighboring countries. Iron and steel production remained stable in July, 1930, in spite of decreases elsewhere.

Wheat, declared M. Tardieu, is 10 per cent higher than in September, 1929, while in the United States it has declined 40 per cent, and finally, while other countries number their unemployed in some instances by millions, there are less than 1000 workers without jobs in France.

LAMONT ACTS IN CAMPAIGN TO GIVE JOBS

Nation-Wide Program for Unemployment Relief to Be Drafted

PLAN IS TO BE READY TO MEET ANY CRISIS

Country to Be Segmented and Committee in Charge of Each Appointed

SPECIAL FROM MONITOR BUREAU

WASHINGTON—The first meeting of the Federal Committee on Unemployment will be held in the cabinet room of the White House Oct. 21, with Robert P. Lamont, Secretary of Commerce, in the chair.

Besides Mr. Lamont the committee includes Andrew W. Mellon, Secretary of the Treasury; James J. Davis, Secretary of Labor; Dr. Ray Lyman Wilbur, Secretary of the Interior; Patrick J. Hurley, Secretary of War; Arthur M. Hyde, Secretary of Agriculture, and Eugene Meyer, head of the Federal Reserve Board. Edward Eyre Hunt is slated to be secretary of the committee, and it is expected that a formal statement of the committee's purpose and proposals will be released when the scope of the work has been outlined and preliminary organization completed.

In the meantime, Mr. Lamont explained, the committee will serve as a starting point for federal cooperation with states, municipalities and industrial leaders in case a change for the better does not occur in the business situation in the coming winter. The establishment of the committee, according to Mr. Lamont, is a precautionary measure intended to have ready a central exchange for assistance and proposals from individuals and states, and to press forward the Federal Government's own work.

The United States is better prepared to meet the present situation than it was in the last great depression in 1921, according to Mr. Lamont. The President's conference on unemployment in 1921, of which Mr. Hoover was chairman, indicated the steps which should be taken. Furthermore for the past 10 months conferences have been held with business leaders and a rough organization exists with which to meet the further developments.

Many Agencies Now Active

Mr. Lamont explained that nearly every federal agency which can be used to aid the unemployed is already at work, under the stimulus of the presidential conferences.

"It is just a question of intensifying and building up the work that has been going on since 10 months ago," Mr. Lamont said. In general, he said, the data and plans gathered over a long period are available, and the Government will follow the methods of approach previously explored. In 1921 the country was divided into sections, and committees on relief and coördination named for each one. This is a possible line of procedure for the present.

Besides having general plans the Government has a group of trained civil servants who have developed in a decade of dealing with the subject. Mr. Hunt was secretary of the original conference on unemployment in 1921 when the crisis, in some respects similar to the present situation, was gradually relieved by an increase in construction. While conditions are not quite parallel today, a major place will still be given to efforts to stimulate construction.

John M. Gries, former head of the division of building and housing and now executive secretary of the President's conference on home building and home ownership, has been called into consultation with Mr. Lamont, together with James Taylor, who succeeded Dr. Gries as head of the building division.

Mr. Lamont has asked other members of the committee to consider the situation in their departments in the light of the unemployment problem and to study how cooperation can be given to outside groups, or construction expedited.

Sees No Immediate Crisis

It was again emphasized that the Administration does not feel the country faces an immediate crisis, but that the President's committee will serve as a starting point if the unemployment situation does not soon improve. Only general instructions have been given the committee by the President. It is again pointed out that construction must be made the leader in expanding other kinds of work and in this field it is probable that the Government must carry the heaviest burden.

H. S. Fairbanks, assistant to the chief of the bureau of public roads, announced that Mr. Hyde will request Congress to make 1932 allotments of federal-aid money for highway construction immediately available to provide emergency employment in drought states. Mr. Fairbanks said the drought states had large unexpended sums from past fiscal years which he thought they could spend for road construction between now and 1931 when the 1932 allotments would be normally available. The Department of Agriculture has allotted $600,000 to such states as federal feed loans.

The President's unemployment committee is expected shortly to get in touch with business men and industrial leaders. The United States Chamber of Commerce stated that plans have been made for the first meeting of the executive committee of the National Conference on Construction which will deal with problems common to 65 groups identified with construction. The meeting will be held in the capital early next month with Mr. Lamont acting as

chairman and a number of nationally prominent business figures working with him.

$200,000,000 Corporation Planned to Make Jobs

SPECIAL FROM MONITOR BUREAU

NEW YORK — Following closely upon President Hoover's appointment of a committee to work out a program for providing employment for "people who are in honest difficulties" through business depression, proposal for the formation of a $200,000,000 national corporation whose specific function would be to provide work by initiating development of public undertakings on a large scale, was submitted to the President and to Gov. Franklin D. Roosevelt by Lloyd N. Scott, a New York lawyer, on Oct. 19. Mr. Scott has for many years been a member of various committees of the Bar Association of New York.

Simultaneously, Miss Frances Perkins, state industrial commissioner, sent a telegram to Washington offering President Hoover's unemployment commmittee the coöperation of the New York State Department of Labor and its free employment bureaus and affiliated organizations "in dealing with this most important mission."

Mr. Scott's proposal is for a central organization capitalized through a $200,000,000 congressional appropriation, which would operate through subsidiaries in as many states, or groups of states, as necessary. Capital of the state subsidiaries would be made available through appropriations by the respective legislatures.

This corporation and its subsidiaries would be endowed with powers that would enable them to function when other organizations were at a low ebb, Mr. Scott explained. They would be able to obtain private funds, as distinct from public funds, for financing beneficial improvements, and this indebtedness could be made a first lien on the earnings of the improvement.

The corporation would be free from taxation; it would be granted valuable franchises; it would have the right of eminent domain and the condemnation of private property for improvements. It would be free from control of all commissions or public boards as to toll rates or charges, which would be fixed at what the traffic would bear.

It would coöperate with the nation in endeavoring to "balance production and employment on a national scale of planning and maintain business on a more even basis through operating as an economic balance wheel and routing employment in a comprehensive way."

STEEL PRODUCTION GAINS

CHICAGO (AP)—The Michigan Steel Corporation's production has increased steadily since the first week in September, which was the low period of the year so far, officials report. For the first half of October, the increase is 16 per cent over the last half of September.

BUSINESS SHOWS UPWARD TREND IN NEW ENGLAND

Marked improvement in business conditions generally throughout New England, as shown in a compilation of reports issued Oct. 19 by the New England Council, is taken by that organization to mean that the low point of the depression period has been passed and a return begun to normal prosperity.

The volume of business as reflected by debits to individual accounts shows an upward trend in leading New England cities for the first two weeks of October, according to the weekly statements of the Federal Reserve Board. This is contrary to the general trend throughout the United States.

Labor barometer figures compiled by the western Massachusetts branch of the National Metal Trades Association show increased employment of approximately 200 on Oct. 1 over Sept. 1, the Western Massachusetts Employer Association, Inc., reports. The report of the Rhode Island State Free Employment Office states that 216 manufacturing firms and 33 building concerns reporting have 2.5 per cent more employees at the end of September than at the end of August and 3.3 per cent more than at the end of July. Thirteen of the construction concerns had 10.1 per cent more employed during September than in August and 26.4 per cent more than in September, 1929. Figures compiled by the Manufacturers' Association of Bridgeport, Conn., on 31 factories show an average increase of three factory hours a week in September, or 7000 man hours a week.

Shoe production in September is reported as gaining by the National Shoe Travelers' Association. The Amesbury Shoe Company, Amesbury, Mass., is at extra large production exceeding 200 dozen pairs daily. Other concerns also are showing good volume.

Sales of domestic appliances by retail units of the New England Power Association during September show a 12.5 per cent increase over August and a 23.2 per cent increase over September, 1929. Additional consumption of electric energy resulting from these sales is estimated at 11.5 per cent over the consumption of the appliances sold in September of last year. Connecticut use of electricity increased 20.2 per cent in September.

Officers of the Central Vermont Railway have announced the opening of the railroad's St. Albans (Vt.) shops on full time. This move affects more than 300 employees in St. Albans alone and business conditions in that community show immediate improvement. The Illinois Wire and Manufacturing Company of Joliet, Ill., will open its New England distribution plant in Waltham, Mass., shortly, the Chamber of Commerce of that city reports.

The Associated Industries of Massachusetts report substantial increases in production for a number of cotton mills in New Bedford, Mass. Increases of from 2 to 34 per cent in savings deposits in September were reported to the Connecticut Chamber of Commerce.

Boston Fish Pier is building three new slip piers which will form the nucleus of improvements to facilitate handling of product and eliminate waste in the industry.

The Bullard Company of Bridgeport, Conn., is filling an unusually large order for high production lathes for the Ford Motor Company, and reports a number of other satisfactory orders on hand and business in general good, according to the Connecticut Chamber of Commerce. The Waltham Chamber of Commerce has announced the location in that city of the Alden Knit Mills Inc., producing rayon fabric and finished rayon garments. Orders on the company's books will necessitate a 24-hour daily production schedule for an indefinite length of time.

Here Minutemen Rallied in 1775

CORNER OF LEXINGTON AND LINCOLN STREETS, WALTHAM
The Bronze Tablet Marking the Spot Where Waltham's Contingent Gathered Before the Battle of Lexington Was Designed by George T. Hutchins of Newton and Is Mounted on an Antique Milestone Which Is the Gift of Henry Ford.

Waltham's Patriots Honored by Tablet

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

WALTHAM, Mass.—A memorial to the 123 men from Waltham who participated in the Battle of Lexington and Concord in April, 1775, in the form of a tablet erected on the spot where the gallant men rallied previous to their march to the defense of Lexington, was unveiled at the corner of Lexington and Lincoln Streets, here, Oct. 19.

Appropriate exercises arranged by city officials, Waltham school children, Boy and Girl Scouts, Legion members, and a company of Minute Men led by Capt. James Breed, Company F, 182d Infantry, Massachusetts National Guard, featured the unveiling ceremonies.

Two descendants of Jonathan Sanderson, one of the Waltham minutemen who went to the aid of Concord and Lexington, Sally, 3, and Nathan, 5, children of Nathan Sanderson Jr., pulled the cords of the curtain revealing the bronze tablet, the scene on which depicts son, father, and grandfather, and a regular soldier on way to battle.

Mrs. Florence Bowers Bent, regent of Dorothy Brewer Chapter, D. A. R., presented the tablet to the city on behalf of the Daughters of the American Revolution and the Waltham Historical Society. This was the final event in Waltham's Tercentenary observance. Mayor Patrick J. Duane in a brief address, accepted the plaque for the City.

The tablet which is mounted on an antique millstone, a gift of Henry Ford, was designed by George T. Hutchings of the Newton Memorial Art Company, and bears inscriptions of the names of the 123 men representing Waltham in the Battle of Lexington and Concord.

EDUCATION SURVEY TO BE MADE

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MERIDEN, Conn.—The city of Meriden, Conn., has been selected by the Carnegie Foundation as the site for a survey of the needs and possibilities in the field of adult education in a city of 40,000 inhabitants. A grant of between $5000 and $10,000 will be expended in the investigation.

Employment Better in Midwest Regions

CONSTRUCTION work around Kansas City is helping to keep employment conditions in that area on a satisfactory basis, according to reports from the building industry. A trend toward improvement in business in that district also is noted.

From Ohio also come reports of more satisfactory employment conditions. Work has been resumed in some plants that had been idle for several months, and public work is being speeded up in a number of cities in that State.

WEATHER PREDICTIONS

U. S. WEATHER BUREAU REPORT

Boston and Vicinity: Fair and continued cool tonight and Tuesday; probably light frost in exposed localities tonight; moderate westerly winds.

Southern New England: Fair tonight and possibly light frosts; Tuesday fair; continued cold fresh winds.

Northern New England: Partly cloudy tonight and Tuesday; probably snow flurries in northern Vermont; light frost tonight in extreme southern portion; moderate westerly winds.

Weather Outlook for the Week: For the North and Middle Atlantic States: Fair until Thursday or Friday, when rains are indicated over southern, and rains or snows over northern portion; cold for the week as a whole, but with some moderation latter part.

Official Temperatures

(Standard time, 75th meridian)

	8 a.m. Oct.20	Max. Oct.19		8 a.m. Oct.20	Max. Oct.19
Albany	38	50	Memphis	42	66
Atlantic City	40	58	Montreal	36	..
Boston	40	54	Nantucket	44	58
Buffalo	32	56	New Orleans	62	82
Calgary	22	..	New York	38	52
Charleston	58	68	Philadelphia	40	54
Chicago	34	56	Pittsburgh	36	44
Denver	32	48	Portland, Me.	36	50
Des Moines	34	56	Portland, Ore.	48	60
Bastport	36	48	San Francisco	56	60
Galveston	60	72	St. Louis	32	42
Hatteras	60	68	St. Paul	28	30
Helena	28	36	Seattle	46	54
Jacksonville	54	68	Tampa	64	68
Kansas City	38	44	Washington	38	60
Los Angeles	60	72			

High Tides at Boston

Monday 10:02 p. m., Tuesday 10:24 a. m.
Height of tides 10.8 feet, 11.3 feet.

Light all vehicles at 5:25 p. m.

Extreme Penalty Abolition Sought

A bill abolishing capital punishment in Massachusetts will be introduced at the next session of the State Legislature by the Massachusetts Council for the Abolition of the Death Penalty.

Another bill, authorizing the appointment of a special commission to investigate thoroughly the question of capital punishment, similar to the Select Committee of the British Parliament which is now investigating the subject in England, will also be brought before the Legislature, according to Mrs. Sara R. Ehrmann, executive secretary of the council.

Feeling that public interest has been aroused in the subject by the Cero case, in Boston, in which a man, granted a reprieve only a few hours before he was to be executed, has now been acquitted as innocent, the society is pushing vigorously forward. A meeting is being held in Ford Hall, Ashburton Place, Boston, on Oct. 24, at which the story of the Cero case will be told by Thomas Bresnahan, attorney for Cero.

A percentage of the proceeds of the meeting will be turned over to Cero to assist him in reëstablishing himself. A bill is to be introduced into the next legislature asking that he be fully compensated for his three and a half years in prison.

Jack Black, ex-convict and author of "You Can't Win," will also speak on the subject of the weaknesses of the present prison system. Miss Lillian Wald, a settlement worker of New York, will be the third speaker at the meeting, at which Prof. Kirtley F. Mather of Harvard University will preside. Further information is obtainable at the headquarters of the society, 6 Byron Street, Boston.

EVENTS TONIGHT

Free public lecture on Christian Science by Paul Stark Seeley, C. S. B., member of The Christian Science Board of Lectureship of The Mother Church, The First Church of Christ, Scientist, in Boston, Massachusetts, under the auspices of First Church of Christ, Scientist, Concord, in the Church Edifice, 8 p. m.

Harvard University: Annual Reception and supper to members of Engineering School, Johnson O'Connor of General Electric Co., speaker, McKay Laboratories, 6. Modern language conference, "Traveling Under Soviet Auspices," Prof. S. H. Cross, Common Room, Conant Hall, 8.

West Roxbury Community: Meeting, Parent-Teacher Association, Maurice J. Lacey, head master, Jamaica Plain High School, speaker; R. G. Shaw School Hall, 7:45. Meeting, Harbinger Club, talk on Alaska, the Rev. John W. Chapman, place to be announced.

Watertown: Opening meeting, Women's Republican Club, Governor Allen, and William S. Butler, speakers, Senior High School Hall, 8. Longfellow Rebekah Lodge installation, Masonic Apartments.

Copley-Plaza Hotel: Dinner, Associated Jewish Philanthropic Societies ballroom and and foyer. Dinner, Dryealters Club, Swiss Room, 8.

Y. W. C. A. Dancing Class, 410 Stuart Street, 8.

Regular meeting, Boston School Committee, 15 Beacon Street, 6:30.

Y. M. C. A. (Huntington Avenue Division): Fall election of officers, Fencing Club.

Regular meeting, Boston City Club, President David M. Cook, presiding; speaker, Prof. G. F. Miller, "The World Court"; Boston City Club, 12:15.

State Department of Education, University Extension: "Retail Credits and Collections," Room 15, State House, 7:30.

Field and Forest Club: Presentation of Tercentenary Pageant, "The Soul of America," 3 Joy Street, 7:45.

Banquet, Martha Jefferson Supper Club, Hotel Somerset, 7:30.

Brookline School Committee meeting, Brookline Town Hall, 8.

Ratification Rally, auspices Democratic City Committee, Symphony Hall, 8.

Dinner meeting, Dorchester Lower Mills Civic Improvement Association, Gilbert Stuart Hall, 7.

Benefit concert for parish, Parish Hall, St. James Church, North Cambridge, 8.

Statler Hotel: Benefit supper-dance for Woman's Charity Club, 7.

Silver Anniversary Dinner, New England Purchasing Agents' Association, Hotel Kenmore, 7.

Joint dinner meeting, Cambridge and Economy Clubs, Roy A. Young, speaker, "Member Bank Credit and Reserve Bank Credit"; Commander Hotel, Cambridge, 6.

Legislative luncheon, Boston Civic League, Policewomen Mrs. Mary C. Namsdell and Miss L. C. Caldwell, speakers, Alfred Foote, Commissioner of Public Safety, guest of honor, Twentieth Century Club, 12:30.

Copley-Plaza Hotel: Meeting, New England Daily Newspapers, S. D. R., 10:30; luncheon, Sheraton Room, 1.

West Roxbury Community: Bridge party, Woman's Club, Salada Tea Building, Stuart and Berkeley Streets, 1:30.

Tercentenary celebrations: Cambridge: Gov Thomas Dudley family reunion, Commander Hotel, 6:30.

Hotel Statler—Concert by Sophie Braslau, contralto, 2:15.

Exhibitions

Museum of Fine Arts, Huntington Avenue—Daily from 10 to 5. Sunday, 1 to 5. Free guidance in the galleries every day except Monday. Special Exhibitions: Russian Ikons lent by the U. S. S. R., through American Russian Institute. Through Dec. 14. International Industrial Exhibition of Contemporary Decorative Metals and Cotton Textiles sponsored by the American Federation of Arts. Eighteenth Century French designs and mises en cartes; French illustrated books of the eighteenth century lent by William A. Sargent; American silver, domestic and church pieces. Paintings by Rabindranath Tagore.

Fogg Art Museum, corner Quincy Street and Broadway, Cambridge—Weekdays, 9 to 5; Sundays, 1 to 5. Memorial exhibition of the work of Prof. Charles Herbert Moore; special exhibitions of objects found by the expeditions of the American School of Oriental Research and Harvard University near Kirkuk, Irak; paintings of the Naumberg bequest. Through Oct. 31. Etchings by Rembrandt. Through Feb. 28.

Isabella Stewart Gardner Museum, Fenway Court—Open on Tuesdays, Thursdays and Saturdays from 10 to 4, admission fee 25c; Sundays from 1 to 4, admission free.

Children's Museum of Boston, Olmstead Park, Jamaica Plain—9 to 5 daily. Foreign displays and American history exhibits.

Robert C. Vose Galleries, 559 Boylston Street—Decorative paintings by Gerald Frank; dog etchings by Diana Thorne; game birds by Winifred Austen.

Doll & Richards, 138 Newbury Street—Prints, including complete collections of views of Boston, by Sears Gallagher, W. Harry Smith, Gustav von Colln and Clair Leighton.

Grace Horne's Gallery, 446 Stuart Street—Flower silhouettes in color by Dorothy Turnbull Eckfeldt. Through Oct. 27. Water colors and gouache by W. Lester Stevens. Through Oct. 25.

Copley Gallery, 103 Newbury Street—American landscapes.

Myles Standish Galleries, Bay State Road and Beacon Street—Miscellaneous exhibit.

New England Society of Contemporary Art, 227 Newbury Street—Pastels and prints by Caroline Speare Rohland. Through Nov. 1.

Goodman-Walker Print Shop, 607 Boylston Street—Original drawings by Robert Austin.

Holman's Print Shop, 5A Park Street—Old Master drawings and 100 masterpieces of engraved portraiture. Through Oct. 31.

The Print Shop, 261 Newbury Street—Americana, hunting and shooting. Currier and Ives and Catlin buffalo prints.

Gardenside Bookshop, 15 Arlington Street—Etchings by Briscoe, Blampied, Benson, Bone, Cameron, Pennell and Zorn; special display by Ray Weiss and Minna Weiss Zellmer.

Scherver Studios, 602 Boylston Street—Etchings by Marius Bauer.

N. M. Rivers Studio, 500 Boylston Street—Paintings, etchings and prints by old and modern masters.

Monthly business and dinner meeting, Boston Foreign Commerce Club; presentation of motion pictures of South America, Hotel Brunswick, 6:15.

EVENTS TOMORROW

Meeting, Boston Browning Club, Marie Ada Molineux, speaker, Vendome Hotel, 2.

Meeting, Women's Republican Club of Massachusetts, talk, "House Plants and Window Gardens," Harold Ross; clubhouse, 46 Beacon Street, 2:30.

Regular meeting, Bostonian Society, reading of paper, "Three Centuries of New England Hospitality," illustrated with lantern slides, Betty Bruce, Old State House, 3.

Museum of Fine Arts: English Rooms, Mrs. Sayward, 11.

Fall Session, Massachusetts League of Women Voters: Morning meeting, 10:30; luncheon, Miss Florence Harrison, speaker and guest of honor, Swiss Room, 1; council of league presidents, 2:30; discussion on league's congressional program, led by Dorothy K. Brown, 2:30; Copley-Plaza Hotel.

Fifty-seventh Annual Meeting, Woman's Christian Temperance Union; campaign forum, "Put the No in November," morning; annual address by Mrs. Alice G. Ropes, State President, afternoon; Central Congregational Church, Broad Street, Lynn, through Oct. 23.

THE CHRISTIAN SCIENCE MONITOR

Founded 1908 by Mary Baker Eddy

AN INTERNATIONAL DAILY NEWSPAPER

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WORLD AFFAIRS EMPHASIZED BY Y.M.C.A. COUNCIL

Preparations Made for First American Meeting of Conference

SPECIAL FROM MONITOR BUREAU

CHICAGO — Because preparation for the first American meeting of the General World Conference of the Y. M. C. A. is a major item on the agenda of the national council of the association, meeting here, emphasis is being placed upon international relations at the annual sessions which open Oct. 20.

Dr. Erich Stange, general secretary of the German Y. M. C. A., came to Chicago from Kassel, Ger., to help in making plans for the gathering in Cleveland next August.

Representatives of 50 European, Asiatic, African and South American countries are expected to come for the summer congress, the twentieth of the world's committee. The American and Canadian associations want to help their countries get the utmost from the distinguished visitors, said Darius A. Davis, assistant general secretary of the world's committee, of Geneva, Switz.

Proposals are being considered by the national council, Mr. Davis said, to arrange for some of the prominent visiting scholars to lecture at summer schools. Such men as Professor Dyboski of Krakow, Poland; Dr. Kagawa, a Japanese reformer and writer, and the Archbishop of York would contribute much to American understanding of Europe if speaking programs can be arranged, Mr. Davis pointed out.

At the same time, the national council is helping American associations to prepare for participation in the congress. Subjects of interest to Y. M. C. A. people are to be debated at the international meeting and a new technique has been devised to enable delegates to come to definite conclusions.

The national council is assigning "home work" to the 325 men who come here representing associations in every state. This is in the form of 19 "study outlines" intended to provoke local discussion on questions to come up during the general meeting. Interracial relations, internationalism, industrial relations and other controversial questions are covered. The outlines were prepared in Geneva by a group of 40 men representing 20 nations, and they represent an international effort to define some of the issues that perplex Y. M. C. A. members everywhere.

The delegates at Chicago, most of them from the United States and some fraternal delegates from Canada, are to be asked to take the outlines home and endeavor to find out what the consensus is in their local Y. M. C. A. units. Then it is hoped each delegate will be able to speak for his group when he comes to the international gathering. A similar "home work" assignment is being given to European members, Mr. Davis said.

GREAT TREE COULD BUILD 500 HOUSES

(Continued from Page 1)

forests and from it learned that there was being cut annually four times as much timber as there was new growth, Congress became more keenly concerned over the national forests and forest conservation. The rate at which we have been acquiring property as national forests may be astonishing to some people, for on June 30, 1929, the total acreage was 184,564,953, or approximately one and a half acres for every woman, man and child in the United States.

One of the chief obstacles that hinder the rapid development of the national forests is the property belonging to private persons that lie within their boundaries. This now amounts to about 25,000,000 acres. The chief of the United States Forest Service in his report urges the purchase of at least 14,000,000 acres of this land, and many millions of acres of property adjacent to the national forests.

Beauty Preserved for Future

While the economic management of the national forests suggests an effort on the part of the Government to conserve the forests of the country to prevent the occurrence of a timber famine, yet it has been wise enough to preserve the places of scenic beauty and those where natural phenomena exist, for the benefit of the public for all time to come. These have been designated by the name of national parks, yet they are not parks in the true sense that we know the meaning of the word today, but if we called them natural parks, the name would be more fitting.

With formation of the Carlsbad Caverns in New Mexico into a national park, the list was increased to 22, with a total area of 12,181.71 square miles. Of these, the Yellowstone, dating from 1872, is the largest, embracing 3426 square miles, and Carlsbad Caverns, of one square mile, is the smallest. Before Carlsbad, Sully's Hill, North Dakota, taken in 1904, embracing 1 1-5 square miles, was the smallest.

On Feb. 6, 1930, delegates from North Carolina and Tennessee called upon Dr. Ray Lyman Wilbur, Secretary of the Interior, and tendered him the deeds to more than 150,000 acres of land—the greatest wilderness lying east of the Mississippi River. To this nucleus will be added eventually hundreds of thousands of acres of other mountain property for conversion into the Great Smoky Mountain Park, the largest in the United States.

National Monuments Different

One of the most confusing problems of the visitors is to define the difference between a national park and a national monument. An act was passed by Congress in 1906 entitled, "An Act for the Preservation of American Antiquities." National parks are always the result of acts of Congress, while national monuments are formed by Presidential proclamation

It is generally understood that a national monument embraces a very small area of land, containing something of a meritorious, prehistoric, historic, or natural scientific value, while a national park embraces a larger area and holds within its boundaries marvelous natural scenery. Just how accurate are these two conceptions, one will have to judge for himself.

There are 60 such monuments in the United States. Thirty-two are under the supervision and control of the national park service of the Department of Interior; 14 fall under control of the War Department and 14 come within the jurisdiction of the Department of Agriculture.

Of those that are under the supervision of the national park service, Glacier Bay, Alaska, consisting of 1,164,800 acres, is the largest, and Tumacacori, Arizona, and Yucca House, Colorado, are the smallest, containing 10 acres each.

Of those administered by the Department of Agriculture, Mt. Olympus, Washington, with its 299,370 acres is the largest, and Old Kasaan, Alaska, containing 38 acres, is the smallest.

The largest national monument coming under the jurisdiction of the War Department is the Kenesaw Mountain, Georgia, containing 60 acres, and Fort Niagara, New York, is the smallest, containing only .0074 acre, just enough to commemorate the erection of a cross in 1688 on what is now the Fort Niagara Military Reservation.

William M. Butler Defends Dry Law

Prohibition was defended as vital to the betterment of social and economic life by William M. Butler, Republican candidate for the United States Senate, Oct. 19, at the Christian Citizenship meeting in the Tremont Street Methodist Episcopal Church.

Reiterating his stand that the economic question is one of the most important confronting the nation and pointing to prohibition as indelibly linked with economic improvement, Mr. Butler emphasized the opportunity afforded Massachusetts voters in the approaching elections to put men into office who would contribute their energy to the building up of "things we regard as the finest and best in life."

"I believe in the Constitution as it stands," he said. "I have reasons that I regard as worth while behind this stand. I think the Eighteenth Amendment has brought much that is better in our economic and social life. I have not seen anything yet which has altered my opinion.

In stressing the opportunities of voters in the coming election, Mr. Butler pointed to Calvin Coolidge's recent statement, which supports his own, that character, honesty and ability should be the characteristics of a candidate for voters to consider most seriously.

FOUR-LANE ROAD CONTRACTED

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PROVIDENCE, R. I.—Six miles of roadway, a link in the new South County Trail, will be built as a four-lane highway, according to announcement by the State Board of Public Roads. It had been planned to build a two-lane road between Wickford and Warwick and the contract had been let. But indications were that within two or three years traffic would require four lanes. A new contract has been made by which the State is expected to save 20 to 25 per cent, and laborers will gain by the increased amount of work.

MISSIONARIES FILL PULPITS

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

SPRINGFIELD, Mass.—Foreign missionaries attending the sixty-first annual world conference of the Women's Foreign Missionary Society of the Methodist Church filled nearly 30 pulpits in western Massachusetts on Sunday, Oct. 19. Miss Katherine Willis of the Hwa Nan College in China, speaking at Trinity Church, said that 40 years ago the Chinese girls were paid to attend school, while now there is a large waiting list and thousands of dollars are taken in annually for tuition.

GROUND CLEARED AT BROWN

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PROVIDENCE, R. I.—Ground has been cleared on the campus of Brown University for the erection of Faunce House, a building memorial to former President William H. P. Faunce. Two old houses, occupied as faculty offices, have been removed and parts of them have been razed. The new structure will adjoin Brown Union. John D. Rockefeller Jr., a graduate of the university, offered at the last commencement a gift of $600,000 for the erection of Faunce House. It will contain a theater, recreation and social rooms.

Man Saves the Wildwood From Himself

Both, Courtesy United States Forest Service

Here Is What National Forests Do. At Top—Making Camp on Shore of Lovely Lake in Deep Pine Growth. Bottom—Fawn, Knowing No Fear, Stands for Its Picture.

CONNECTICUT BANS UNSAFE MOTOR TIRES

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

HARTFORD, Conn.—The registrations of automobiles which, upon examination, prove to have tires that are in a condition to make driving unsafe, will be revoked in Connecticut, it has been announced by Robbins B. Stoeckel, Connecticut Commissioner of Motor Vehicles.

"It is quite true," said Commissioner Stoeckel, "that this is a time when economy is being exercised, but it is also true that tires have never been so cheap as they are now. Economy ought not to be practiced against the necessity of safety, not only for the car owner himself, but for all others into whose vicinity his car comes."

Drydock Trip Set for Leviathan

The Leviathan, flagship of the United States Lines' fleet, will steam into Boston harbor on Nov. 25 for its semi-annual visit to the Commonwealth Drydock, according to an announcement just made here by W. A. McIsaac, Boston agent for United States Lines.

The usual underwater inspection is the occasion of the monster liner's visit to the drydock. Approximately 300 men from the Boston Navy Yard will be given employment scraping and repainting the ship's hull and closely examining the underwater section so as to preclude the possibility of any defect developing.

Leaving New York about noon Monday, Nov. 24, the Leviathan will arrive in drydock about 12:30 p. m. next day, according to the schedule. It will depart on the morning tide the following Sunday, arriving in New York Dec. 1.

NORTHFIELD SCHOOLS GET $1,550,000 FUND

EAST NORTHFIELD, Mass.—Subscriptions and bequests totaling $1,550,000 toward a capital fund of $3,00,000 for the Northfield Schools, Mount Hermon School for boys and Northfield Seminary for Girls, were announced here Oct. 18 by Elliott Speer, president, at the semiannual meeting of the schools' trustees.

The purpose of the fund is to increase endowment, establish a teachers' pension fund, and raise teachers' salaries. The subscriptions include a gift of $50,000 from an anonymous subscriber to be used in remodeling the chapel on the Mount Hermon campus. The chapel will be rededicated as a feature of the commencement exercises next June, when the fiftieth anniversary of the founding of Mt. Hermon by Dwight L. Moody will be celebrated.

Short Home Visit Cheers Opera Star

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MERIDEN, Conn.—En route to Hartford, Conn., where she opened a concert series on Oct. 19, Rosa Ponselle, operatic soprano, spent what she described as one of the happiest evenings of her life here on Oct. 18, quietly visiting with members of her family.

The hours spent in the town of her birth were all too short for this diva of the Metropolitan Opera Company, who not so many years ago was an obscure little girl singing in a nickelodeon here for $12 a week and dreaming the glorious dreams which have since come true. They were hours spent with her parents, her brother Antonio, his wife, and her six-year-old nephew Nino, who adores his "Auntie Rosa."

Highlights of the evening were the meeting with her mother and father upon her arrival at the unpretentious little house on Springvale Avenue which she still calls home, and where her parents insist upon living despite the wish of their daughter to purchase a larger one for them; the spaghetti dinner which she enjoyed at the home of her brother; and wonderful chocolate cake and lemon meringue pie which a neighbor who had known her since her childhood had prepared for the homecoming.

When Rosa Ponselle gave her recital in Hartford the following day, the critics remarked that she had never sung better, nor had she ever appeared in better spirits than she had that afternoon.

'YOUR HOME' LECTURES PLANNED

A series of six morning lectures on "Your Home" are to be given for the benefit of the Boston Children's Friend Society, of 45 Rutland Street, at the Algonquin Club starting Oct. 29, and continuing through February. Mrs. Eadgyth Patch will be the first speaker and her topic will be "The Little House."

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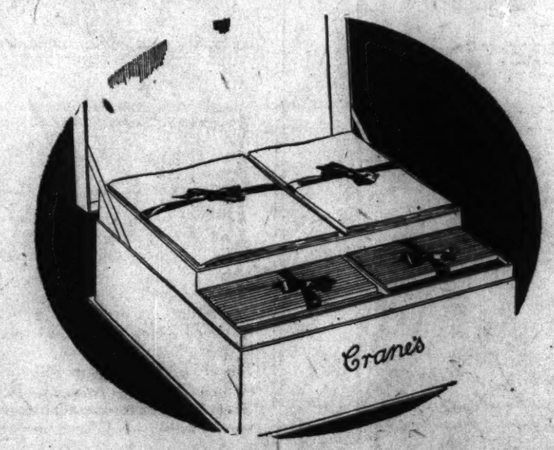

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THRONG RALLIES TO SUPPORT OF STATE DRY ACT

(Continued from Page 1)

than the integrity of your Commonwealth."

A clink of coins and a rustle of bills followed Dr. Conrad's announcement that it was the purpose of the ushers with the tin plates to "collect $4000 in four minutes." If money talks, the amount raised must have exceeded that asked for, since tin collection plates are not exactly sound proof.

Dr. Conrad spoke of the great satisfaction it gave drys to have a Governor who "stands true to prohibition," and to have a candidate for United States Senator from Massachusetts in whom is united a trained business sense coupled with a determination to aid the dry cause.

Governor Allen was represented at the rally by Mrs. Esther M. Andrews, member of the Governor's Council.

In bringing the greetings of the Chief State Executive, Mrs. Andrews said in part:

"In Governor Allen's message delivered to the Great and General Court Jan. 1, 1929, he has forcibly stated his determination to continue, as did his famous predecessors, the observance of law.

"To you men and women, who have been imbued with that positive compelling force, which despite terrific opposition, has given you strength and fortitude to guard like the brave men and women of those earlier days, the Constitution of the United States, will surely come the satisfaction of a duty well performed."

Taft Eulogizes Women

Prof. Horace D. Taft, headmaster of the Taft School in Connecticut, described how in his Connecticut home he had been so completely surrounded by wet influence that he did not know there were so many drys extant as he found in the Garden. He supposed them "all converted." He paid a tribute to the years of service devoted to the cause of prohibition by such women as Mrs. William H. Brown and Mrs. Elizabeth H. Tilton.

"When American women take hold of a moral issue that effects the home," he declared, "something is going to happen. The wets might as well quit struggling when representative women such as we have here today take up arms."

Professor Taft called attention to the futility of repealing a state enforcement law in an attempt to influence a question that can only be settled in Washington. Since there is no possibility of changing the main question, he argued, why tamper with the welfare of a state by depriving it of a great enforcement weapon?

"The wets all say 'no saloon,'" he continued, "but whatever it is called, a place where whisky or beer is sold is a saloon; hence when they ask for freer traffic in liquor they are really asking for more saloons.

"There will be no end to the fight over alcoholic liquor," he declared, "until all hands agree to enforcement of the law."

No Small Job, Mrs. Tilton Says

Mrs. Tilton told of her experiences with several referenda, and warned the drys assembled that it would take 600,000 "No" voters to defeat repeal, 300,000 of whom would have to be recruited from the ranks of the civicly inert. She urged a personal canvass by mothers to warn other mothers that their children would be in danger if the repeal should release on the highways of the State an increase of drinking drivers.

Mrs. Henry W. Peabody announced a call that was being made by the Woman's National Committee for Law Enforcement for a day of prayer on Nov. 2, in the churches, schools and homes—prayer that should bring home to every voter the thought—"Lord God of Hosts, be with us yet, lest we forget."

Dr. Richard C. Cabot, professor of social ethics at Harvard University and president of the National Association of Social Workers, told of how he had been in contact with the poor in hospitals for 40 years and for 10 years placed by the nature of his work in a position to know something of the nature of crime.

He knew, he declared, no social worker who is wet. They are dry, said he, because they are facing poverty and misery and know that it has been lessened since prohibition. He dwelt on the effects of alcohol on the human body, as a medical man sees it, saying that a man could go on using liquor as a food and yet be cumulatively poisoned by it. From the health point of view, he said, the drunkard was better off than the steady drinker, since there were periods where his body revolted.

Clarence H. De Mar, the Marathon runner, talked to the point with examples drawn from athletic fields, and then Col. Patrick H. Callahan of Louisville, Ky., concluded the speechmaking with a reiteration of the facts he has been pressing home in Massachusetts in a series of meetings arranged by the Association of Catholics Favoring Prohibition.

Most of South Dry

"In 1928," said he, "the Democratic drys of the South left a party in which they had nearly as much faith as in their religion, to vote against a wet candidate for President. Today all the South between the Ohio River and the Gulf of Mexico is irrevocably dry! In the southern states," he declared, "the question of state rights is never mentioned. We have accepted the question as having been settled with the surrender of Gen. Robert E. Lee."

Colonel Callahan pointed out with statistics he had accumulated that less than 5 per cent of the inmates of American jails are there on account of the prohibition law, whereas 60 per cent of prisoners were breakers of ramifications of the command "Thou shalt not steal."

He explained his recent statement in Worcester that those who voted for repeal of the Volstead Act should be indicted for murder, by saying that "those who vote for a measure likely to result in increased mortality should be subjected to an indictment of public opinion for the destruction of their fellow men."

The singing by Madame Zulalian, Raymond Walsh and Thomas Eaton, the playing by Richard Oliver, and the presentation of Miss Clara Endicott Sears and Mrs. M. H. Gulesian, author and composer of the "Hymn to America," were pleasing additions to the program.

Registered at the Christian Science Publishing House

Among the visitors from various parts of the world who registered at the Christian Science Publishing House Saturday were the following:

Mary C. Kimmens, Brooklyn, N. Y.
Emily Mast, Plainfield, N. J.
Lillian M. Gage, Sault Ste. Marie, Mich.
W. O. Gage, Sault Ste. Marie, Mich.
B. H. Norton, Rochester, N. Y.
Henry E. Chandler, Philadelphia, Pa.
Mrs. Wellington A. Jones, Evanston, Ill.
A. Warendorff, New York City.
Elizabeth F. Lowy, New York City.
Louis Lowy, New York City.
Mrs. Grace Fairchild, Ridgewood, N. J.
Maude L. Fossume, Scarsdale, N. Y.
Tim L. Fossume, Scarsdale, N. Y.
Martin Hairn, Los Angeles, Calif.
Bessie Goodman, Baltimore, Md.
Esther H. Goodman, Baltimore, Md.
Mrs. A.L. Hurrelbuick, Baltimore, Md.
Mrs. Eliza B. Ward, Binghamton, N. Y.
Mrs. Sarah E. Rudolph, Binghamton, N. Y.
Mrs. William F. Hemmig, Providence, R. I.
Benjamin F. Isaacs, New York City.
William Fetzer, Detroit, Mich.
Francis C. Cox, New York City.
Mrs. Ida Mae Rawsthorne, Pittsburgh, Pa.
John W. Rawsthorne, Pittsburgh, Pa.
Mrs. G. A. Quartz, Pittsburgh, Pa.
Maj. Richard F. Thompson, West Point, N. Y.
Mrs. Howard Carnes, Mexico City, Mex.
Elizabeth Carnes, Mexico City, Mex.
Mrs. Carrie Jacobs, Brooklyn, N. Y.
Marion N. Bandman, New York City.
Mrs. Myrtle L. Hyman, White Plains, N. Y.
Grace F. Rice, Yonkers, N. Y.
E. Whitman Rice, Yonkers, N. Y.
Mrs. Estelle P. Cahill, New York City.
Mrs. Sarah E. Rudloph, Binghamton, N. Y.

SUNDAY, OCT. 19

Mrs. Lillian B. Wyand, Mill Valley, Calif.
Norma Allewelt, Syracuse, N. Y.

Another Turndown for the Autograph Hunter

FEDERAL ARMY IN BRAZIL NOW USING AIRPLANES

(Continued from Page 1)

stronghold in southern Brazil, pressed so hard Oct. 20 that troops withdrew from the mainland across the bridge to the island on which the city is located.

Revolutionary forces under Gen. Waldrozro Lima and Ptolomeo Assis Brasil, Sunday morning occupied Estreito, on a mainland point opposite Florianopolis, and obtained control of the power lines which, carried across the channel on the bridge, supply the city, and the electric power was shut off, a rebel communique here said.

An effort will be made, Osvaldo Aranha, temporary President of the state of Rio Grande do Sul, said, to mine the channel of Santa Catharina, between Florianopolis and the mainland so as to bottle up federal warships using it as a base and so prevent their issuing forth and bombarding rebel coast towns.

From Bello Horizonte announcement was made of addition of a new and important state to the rebel list, that of Espirito Santo, located on the east coast between loyal Bahia and the capital, Rio de Janeiro. The announcement said that Victoria, its capital, had been taken and that the entire state was in rebel hands.

Rebel sources claim that their "advance" along the Sao Paulo-Parana front, where a battle for the rich state of Sao Paulo is in progress, continues.

RAIL MERGER HELD UP

WASHINGTON (AP)—A reconsideration of its order giving the Great Northern and Northern Pacific Railroads conditional permission to unify into a new company was granted Oct. 17 by the Interstate Commerce Commission upon petition of practically all the northwestern states traversed by the lines.

Baptists for Enforcement

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NEW LONDON, Conn.—A resolution urging that the Connecticut Legislature and officials of the State support strict observance of the Eighteenth Amendment and allow no weakening of the state enforcement act was adopted at the convention of the Connecticut Baptists here on Oct. 18.

Professor Appeals for State Dry Act

Repeal of the Baby Volstead Act would close the main avenue over which flows Massachusetts's portion of the social and economic benefits of the Eighteenth Amendment, and strengthen the hands of lawbreakers, Prof. Joseph H. Beal of the Harvard Law School told the Committee Opposed to Repeal in a letter made public Oct. 20.

Professor Beals said: "We have the Volstead Act, which has brought with it some bad results, but some good ones. Until that is changed by Congress it will stand as the law of the land, which all lawyers have sworn to support, and all good citizens must obey. So long as the Volstead Act stands, with all its faults, we should at least try to secure its good results.

"The 'Baby Volstead' Act, so called, helps us in Massachusetts gain such benefits as flow from prohibition; its repeal would jeopardize the benefits while increasing the ill effects. So long as the Volstead Act is unchanged it should be enforced; to repeal any aid to enforcing it would strengthen the hands of lawbreakers.

"If we are to live in organized society, we must all yield some of our freedom to do things which we wish to do, and believe we could do without harm. This is a sacrifice everyone must make to secure the benefits of law and order."

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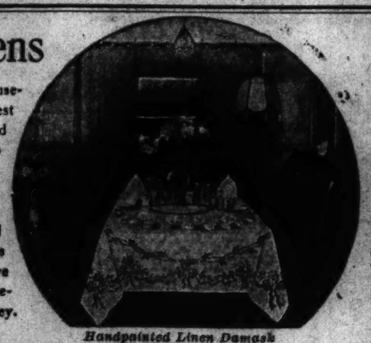
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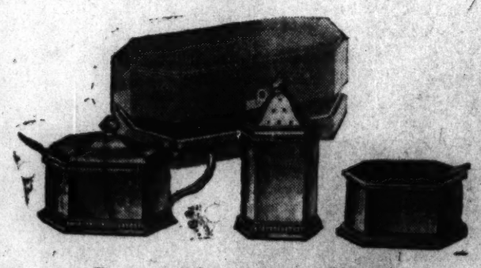
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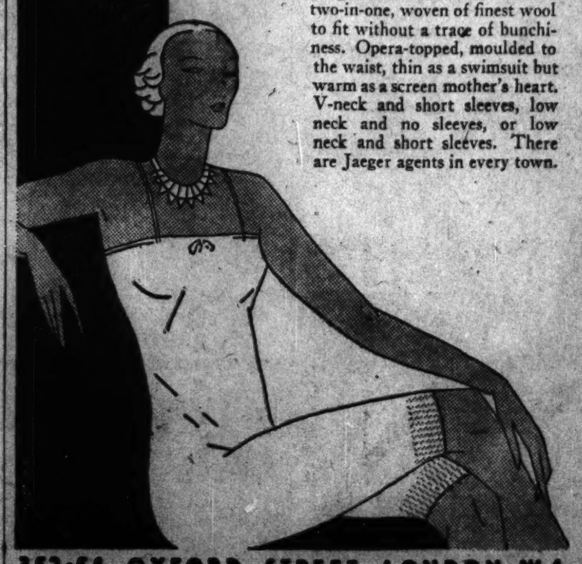
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Music

Kreisler

Fritz Kreisler gave a recital in Symphony Hall yesterday afternoon. On his program stood Corelli's "La Folia" variations; Sarabande, Double and Bourrée from Bach's Partita in B minor for violin alone; the Mendelssohn Concerto; Schumann's A major Romance, Mozart's G major Rondo and three Caprices by Stamitz, J. B. Cartier and Paganini-Kreisler.

Hardly a program to appeal to seekers after novelty, or to those who look for a deep musical message from every composer represented; a progrom made up for the most part of compositions either hackneyed or confectionary. Nevertheless, in the midst of the concert "depression," the hall was crowded nearly to the last bit of standing room, and the enthusiasm of the audience was unbounded. In other words, a typical Kreisler concert.

Though we should like to have from Mr. Kreisler something a little more stimulating, we must be grateful to hear whatever he chooses to offer. Technically, he is perhaps not quite the equal of some of the bold young Russian lions, but on the whole he is welcome as no other violinist is welcome, both to musicians and to amateurs of music. The reasons for this have been repeated until it seems that everybody must know them by heart. They may be summarized as purity of tone, poetry of phrasing, aristocracy of style, a profoundly musical nature. Mr. Kreisler is a great artist and a great gentleman, and these qualities inform all that he plays. L. A. S.

Winifred Macbride

Saturday afternoon, in Jordan Hall, Winifred Macbride played the following program of piano music: Bach, Four Preludes and Fugues from Vol. 1 of "The Well Tempered Clavichord"; Brahms, Two Intermezzi and the Rhapsody in E flat; Schumann, Fantasie in C; Prokofieff, Gavotte in G minor and "Suggestion Diabolique"; E. J. Moeran, "Summer Valley" and "Bank Holiday"; Th. Otterstrom, "Trabel On" (Burlesque march from the American Suite); Roy E. Agnew, "Rabbit Hill"; Ravel, Toccata.

Last year when Miss Macbride played a program in this city, she gave promise of better things to come. Saturday afternoon, she fulfilled many of those promises. Her touch, for instance, has deepened; she plays less upon the surface of her keyboard, and her fingers themselves have taken on new power. Interpretively she has also strengthened her technique. She now appears to visualize her music more as a homogeneous whole and less as a series of integral parts.

With so many evidences of a forward stride in her artistic development, it must be reluctantly confessed that for the most part her interpretation of Bach and Schumann was somewhat disappointing. The first Prelude, for instance, was a thing of fire and fury, with many details of interest lost entirely in the noisy confusion of it. After it, we were not unduly surprised that her Fugue should assume lamblike proportions, rather sentimental in concept. Even though we may quarrel with Miss Macbride's way with it, we concede her an unusual performance. Of the four Preludes and Fugues offered, that in C sharp more nearly approached a performance that really interested us. Here the balance between prelude and fugue was admirably preserved, the rhythmic figures well defined and the whole work less spasmodic. So too, in the Brahms, did Miss Macbride offer an admirable performance. Possibly she is more at one with this composer. Be that as it may, her tone grew noticeably warmer, and her attention to melodic line more meticulous. A charming bit of work.

Of the Schumann Fantasie Miss Macbride made but little. It is an ungracious piece at best, with many arid stretches which even the most experienced artistry frequently fumbles. It would seem that Miss Macbride's fine talent might be put to happier service.

With the last group of pieces, which comprised the moderns, Miss Macbride appeared wholly at home. Notable performances were those of the Prokofieff "Gavotte" (sounding strangely un-Prokofieffian) and the Toccata by Ravel. The two little pieces by E. J. Moeran, a young Englishman who appears to be a combination of MacDowell and Sowerby, were not of great intrinsinc value, yet they made pleasant listening, and evidently amused the friendly audience, who would not be content with merely the printed program, but must call the artist back for encores.

G. M. S.

Branson de Cou

Branson de Cou's "dream pictures" of Switzerland, shown in Symphony Hall last night, offer one answer to the question of how some of the older forms of entertainment are faring in competition with newer methods. An audience that filled Symphony Hall sat intent for two hours—not upon movies, technicolor or talkies—but before a succession of still-picture slides, accompanied by a travelogue lecture and musical interludes.

The famous vistas of the Swiss Alps which every traveler knows so well and the charming scenes which are tucked away on some trail far from the beaten path have alike lured the camera of Mr. de Cou—a camera which in his hands transcends the limits of ordinary photography. To this, his portrayal adds the skillful use of color which brings to his slides a pleasing fidelity to the original scene.

Lake Geneva, Interlaken, Lucern, the Matterhorn, the Jungfrau, Zermatt and the pass of St. Bernard from focal points for a wide range of pictures which covers Switzerland in comprehensive fashion. The current presentation adds new studies of Swiss alpine flora, together with a "cycle of seasons" series which follows many of the region's lesser known vistas through the variations of the year's weather.

The following which Mr. de Cou draws is due as much to the manner of presentation as to the excellence of his pictorialization. His program moves swiftly, changing easily from lecture to music and interspersing groups of "record" pictures with slides of high artistic merit.

BYRD VISITS SPRINGFIELD

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

SPRINGFIELD, Mass.—Rear Admiral Richard E. Byrd was welcomed by an enthusiastic audience of more than 4000 that overflowed the municipal auditorium. More than 500 listened to his address on "Little America" through loudspeakers outside the building. Gov. Frank G. Allen of Massachusetts, Mayor Dwight R. Winter and Col. B. A. Franklin greeted the explorer after he had been escorted by naval reservists and the American Legion Band from his hotel.

DAUGHTER TEACHES BESIDE HER FATHER

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

CHAPEL HILL, N. C.—The University of North Carolina has on its faculty a father and daughter, Prof. George M. McKie, in charge of public speaking, and Miss Elizabeth McKie, who gave a course in elementary education.

Both served during the summer school term. During the regular school period Miss McKie is principal of the Pequot Day School in New London, Conn.

FRENCH SEA FLIERS OFF FOR HOMELAND

SPECIAL FROM MONITOR BUREAU

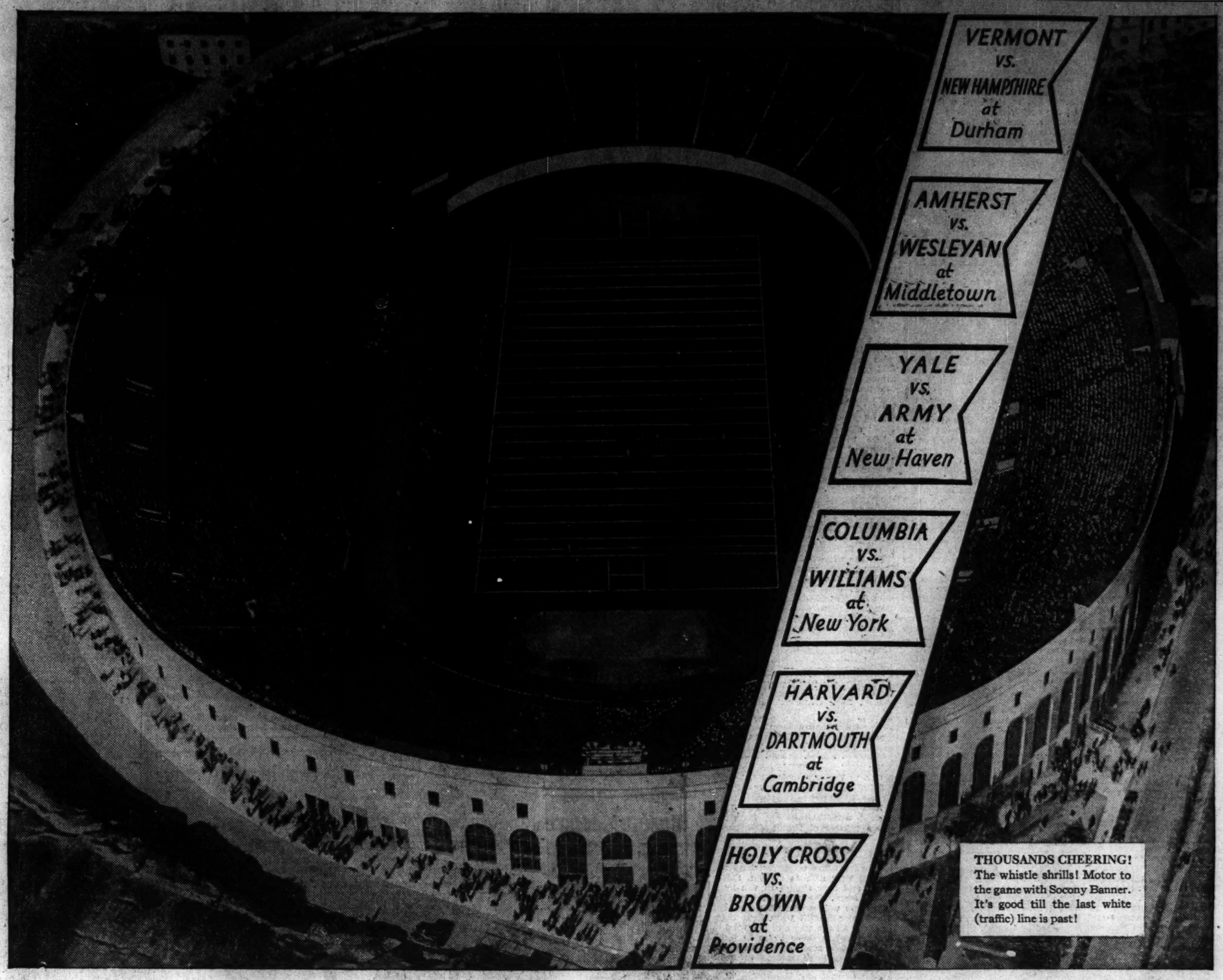
NEW YORK — Maj. Dieudonne Costes and Lieut. Maurice Bellonte, first non-stop fliers from Europe to the United States, bade good-by to the United States over a radio microphone as the steamship France steamed past the Statue of Liberty at 7:30 p. m., Oct. 17, on its way to France.

The "P", which bore them over more than 3000 miles of land and sea on their westward crossing, was carefully tied down on the after deck. "Good-by America, we will never forget you," Major Costes said over the microphone as a final parting word to the thousands who were listening-in to hear the running story of the fliers' departure. "May that friendship last forever and grow stronger," added Lieutenant Bellonte.

SAVING ON MOTORS

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PERTH, W. Aust.—Over 1500 motor licenses will not be renewed for the year 1930-31 in West Australia. Excessive cost of running cars and trucks is said to be the cause, in addition to heavy license fees.


VERMONT vs. NEW HAMPSHIRE at Durham
AMHERST vs. WESLEYAN at Middletown
YALE vs. ARMY at New Haven
COLUMBIA vs. WILLIAMS at New York
HARVARD vs. DARTMOUTH at Cambridge
HOLY CROSS vs. BROWN at Providence
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Intercollegiate, Club and Professional Athletic News of the World

SETBACKS FOR MANY ELEVENS

Only Four Teams Lead East With Unblemished Scoring Records

The first week-end bringing a number of major elevens of the East together is over. For the most part their records in the earlier games were colored with victories, high scores and uncrossed goal lines, but not so today. There are only four left out of nine undefeated, untied and unscored upon teams; and six undefeated and untied out of 16. Few of the results were upsets and none was inglorious.

Right now the scramble for the mythical title of eastern champion finds Dartmouth, United States Military Academy, Pittsburgh and Fordham as the undefeated, untied and unscored against teams. Those with similar records, different in that they have been scored against, are Cornell and New York University. The standing of these six and one team tied is as follows:

Team	Won	Tied	Lost	Points For	Points Agst
Dartmouth	4	0	0	225	0
Fordham	4	0	0	154	0
West Point	4	0	0	138	0
Pittsburgh	4	0	0	134	0
Those Scored Against					
Cornell	4	0	0	186	12
N. Y. University	4	0	0	134	12
One Tied					
Penn State	3	1	0	123	14

Along with the above teams, but not rated with the major elevens, is Western Maryland College of Westminster, Md., state champion last year with an undefeated and untied record in 11 games, and winner of three games played this year, emphasized by its victory, 10 to 0 against Georgetown, the last week-end.

Intersectional Contests

Those whose records were seriously damaged over the week-end include Harvard, Columbia, Carnegie Tech, Syracuse, Brown, Pennsylvania, Holy Cross, Georgetown and Colgate. Three of them were intersectional contests with midwestern elevens, Colgate losing to Michigan State, 14 to 0, Carnegie Tech bowing to Notre Dame, 21 to 6, and Pennsylvania trailing Wisconsin, 27 to 0.

For all the developments from the last week-end results it may be that "we ain't seen nothin' yet." The next contest for six of the seven leaders is apt to be much more of a barrier to hurdle. Just ponder awhile on their games: Dartmouth, victor over Columbia 52 to 0, faces Harvard; Fordham, winner against Boston College earlier in the week, 3 to 0, and against Holy Cross on the week-end, 6 to 0, meets one of the six leaders, New York University; Army, which defeated Harvard, 6 to 0, invades New Haven to play Yale; Pittsburgh, with a 14-to-0 victory against Syracuse, journeys to South Bend, Ind., to face Notre Dame, and Penn State will try conclusions with Colgate.

Salvage, too, attaches intenseness to this week-end, for those whose records were dimmed the last week are aiming for comebacks at the expense of their next opponent and exclusive of those mentioned above are: Brown vs. Holy Cross, Columbia vs. Williams, Penn vs. Lehigh, Princeton vs. Navy, Syracuse vs. St. Lawrence and Carnegie Tech. at Western Reserve. Between those bearing on the title honors and the so-termed "salvage" games it looks like a choice bit of football ahead.

Army a Great Team

The Army-Harvard game intimated much of importance. The Cadets displayed power, smartness and brilliance to rate them a great team. Harvard cannot be called a great team even disregarding its defeat. Horween's eleven presented a surprisingly improved line both defensively and offensively but, as in the past, lacked something when in a scoring position. Army brought out Bowman, Price, Carlmark, Herb and Letzelter for stars, while Harvard featured 'Big Ben' Ticknor, Trainer, Harding, Wood and Crickard.

Yale followed its defeat of the previous week-end by Georgia by out-playing a good eleven of Brown University, 21 to 0, with Albie Booth scintillating. Brown had been undefeated and unscored upon including a victory over Princeton, but Yale reached "heights" that mean triumph.

Dartmouth enhanced its rating by completely subduing a fair Columbia team. The Lions could not compare with the Green in reserves and much of the story is there. Dartmouth's score of 52 to 0, however, is too baffling for much future prediction and hesitant boosters will await the outcome of the meeting with Harvard this week-end.

Carnegie Tech, Colgate and Pennsylvania received their set-backs from elevens out of the eastern territory, but the decisiveness in each instance does not augur well for the future. When they left for the mid-West they were truly representative powers of the East but they did not fare well.

Cornell Gets Testing

Cornell came up to expectations, defeating Princeton, 12 to 7, but the Big Red eleven had a thorough testing under conditions apt to be panicky, particularly in the last minute with the Tigers in scoring position and heaving formidable passes trying for the winning touchdown. The Cornell line proved adamant and the only Princeton score came through a fumble and forward pass.

That Pittsburgh is to have another great team was evidenced in defeating Syracuse, 14 to 0, for the latter is reputed to have one of the best lines in the East. Navy ran into another intersectional defeat, losing to Duke University, 18 to 0. Lehigh toppled from the list of undefeated and untied when Gettysburg defeated it, 20 to 0.

New York University caught Missouri in another "off" year and outplayed the Missouri Valley team easily, defeating it, 38 to 0. Last year the Violet went out to Missouri and won, 14 to 0. Lafayette played a surprising game and took Penn State out of the untied list by holding the latter to a scoreless game. Villanova, after a poor start, won a major contest against Boston College, 7 to 0.

Among the New England small colleges Bowdoin continued to feature, this time with a well-earned victory over Tufts, 19 to 14, which was preceded by a 7-to-7 tie with Williams the previous week and a 45-to-0 victory against the Massachusetts Aggies in the opening game. Williams prepared for its coming clash with columbia by defeating Hobart, 65 to 0. Boston University, after its 74-to-0 defeat in the game with Dartmouth a week ago, came back to its own class and worked out a 7-to-0 win against Middlebury. The other results were: New Hampshire 14, Maine 6; Amherst 26, Worcester Tech 7; Colby 19, Lowell Tech 0; and Rhode Island 13, Bates 0.

McGill Is Winner in Tennis Tourney

CANADIAN INTERCOLLEGIATE TENNIS CHAMPIONSHIP TEAM STANDING

	Points Singles	Doubles	Total
McGill	8	4	12
Toronto	4	3	7
Montreal	3	3	6
Queen's	4	0	4
R. M. C.	1	0	1

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MONTREAL, Que.—McGill captured all the honors in the annual Canadian intercollegiate tennis tournament, which was completed on Oct. 18, winning the team title by a margin of five points over Toronto and winning the final matches in the singles and doubles. Charlie Leslie of McGill was the individual star of the meet, winning the singles and teaming up with Ross Wilson to take the doubles. In the singles final Leslie defeated C. E. Sheppard of Queen's in straight sets. The winner dominated the play in the first two sets, winning 6—0, 6—1, but in the third Sheppard made a strong rally, Leslie winning 7—5.

In the doubles semifinal W. S. Noyes and A. T. Balfour of Toronto defeated J. Bumbray and J. Hurtubise, Montreal, 6—1, 6—3, but in the final they were defeated by Leslie and Wilson, 6—4, 5—7, 7—5, 6—3. The summary:

CANADIAN INTERCOLLEGIATE TENNIS CHAMPIONSHIPS

Singles—Final Round

Charles Leslie, McGill University, defeated C. E. Sheppard, Queen's University, 6—0, 6—1, 7—5.

Doubles—Semifinal Round

W. S. Noyes and A. T. Balfour, University of Toronto, defeated J. Bumbray and J. Hurtabise, University of Montreal, 6—1, 6—3.

Final Round

Charles Leslie and Ross Wilson, McGill University, defeated W. S. Noyes and A. T. Balfour, University of Toronto, 6—4, 5—7, 7—5, 6—3.

BADGER HARRIERS WIN

MADISON, Wis. (AP)—The University of Wisconsin cross-country team sprang an upset Oct. 18 in defeating University of Pennsylvania, eastern intercollegiate champion, 24 to 34 over a four-mile course.

TORONTO TEAM VICTOR, 3 TO 2

Queen's Also Wins in Senior Intercollegiate Rugby Contest, 6 to 0

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

TORONTO, Ont.—Once again Jack Sinclair, the star kicking halfback of the University of Toronto rugby squad, scored all the points in the senior intercollegiate rugby game here on Oct. 18, but, unlike the previous game, against McGill, he was given strong opposition by George Patterson of Western Ontario, and it was not until within three minutes of the end of the game that he kicked the winning point which gave Toronto a 3-to-2 victory. The winners had to come from behind, the visitors scoring a point in each of the first and second periods, while the locals scored one in the third and two in the fourth.

Western Ontario presented a baffling type of interference and they had a decided margin on the play in the first quarter and play was fairly even in the second. After the locals had perfected a defense against this attack they took command of the play and not once in the last two periods were the losers in possession beyond midfield and most of the time they were busily engaged in repelling an aerial attack from Sinclair.

The winners' backfield made a number of fumbles, but the losers were penalized yards on several occasions in the second half, which enabled the winners to keep them well back toward their own goal line. Under the pressure there were a couple of costly fumbles and Sinclair took advantage of both. The winning point was scored after Toronto had secured two yards out, but failed on two plunges through the line.

For the winners Jack Sinclair, Bell, Dewar, Keith, Bennett and Gooderham were the best, while Patterson, Kennedy, Jewell, Stull and Bryant were the pick of the losers. The summary:

TORONTO	WESTERN ONTARIO
Jim Sinclair, Ruddell, fw	fw, Jewell
Traynor, rhb	rhb, Kennedy
Jack Sinclair, chb	chb, Patterson
Adams, lhb	rhb, F. Rauch
Bell, qb	qb, Thomson, G. Rauch
Keith, s	s, Ward, McDermott
White, rl	rl, Stull
Galloway, ll	rl, Quigley
Dewar, rm	lm, Gugimo, Tweedie
Gooderham, Scott, Rolo, McKay, M. Valeriod	
Bennett, Elson, lo	ro, McLachlan, Horton

Score—Toronto 3, Western Ontario 2. Kicks to deadline—Sinclair 2 for Toronto; Patterson for Western Ontario. Touch in goal—Sinclair for Toronto; Rouge, Patterson for Western Toronto. Referee—D. McCann. Ottawa. Umpire—R. Hobbs, Toronto. Head linesman—R. Plaxton, Toronto. Time—Four 15m. periods.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MONTREAL, Que. — The McGill University Rugby squad provided unexpected resistance to the champion Queen's team here on Oct. 18 in the opening game of the local intercollegiate Rugby series and it was only in the second half when the superior kicking of Carter, the Queen's center half became noticeable that the visitors were able to score a safety touch and four singles to win by a 6-to-0 score. Queen's had considerable more weight along the line, but the lighter McGill team held them in check all the way and managed to break through three times to block kicks. McGill also plunged well and encountered more success on runs around the ends, but two costly fumbles and Carter's superiority over Lovering in the second half decided the outcome.

The game was played on a heavy field and a steady rainstorm prevailed through the first half, but the teams handled the ball well under the conditions. Hammond was the star for the locals and in addition to making a number of substantial gains from scrimmage he saved points by running the ball out from behind the McGill line on kicks.

There was no scoring in either of the first two periods, but in the third Carter kicked 55 yards to Doherty who fumbled two yards out. The ball rolled over the goal line and Hammond reached it just in time to prevent several Queen's players falling on it for a touchdown. In the fourth period Carter kicked for four singles. The summary:

QUEEN'S	McGILL
McKelvey, Smith, fw	fw, Granger
Gilmore, rhb	rhb, Doherty
Carter, chb	chb, Lovering, Swabey
Elliott, Stanyar, lhb	rhb, Hammond, Talpis
Caldwell, Mungovan, qb	qb, Young
Hastings, s	s, Halpenny, Harvis
Nicol, Davis, rl	rl, Wilson
Bannerman, Glass, ll	rl, Russell
Hamlin, Morris, rm	lm, McTeer, McMoran
Stuart, lm	rm, Church, Slanker
Ralph, Reist, ro	lo, Urquhart, Mathieson
Dediana, Buell, lo	ro, Chard, Fysch

Score—Queen's 6, McGill 0; Safety touch—Carter for Queen's. Kicks to deadline—Carter 4, Rouge. Referee—Joe O'Brien, Montreal. Umpire—Tom Barton, Montreal. Head linesman—G. Keill, Ottawa. Time—Four 15m. periods.

Eastern Football Scores

HARVARD		YALE	
35-Vermont	0	38-Maine	0
33-Coast Guard	0	40-Maryland	13
27-Springfield	0	14-Georgia	18
0-West Point	6	21-Brown	0
	95 6		113 31
PRINCETON		**PENNSYLVANIA**	
22-Amherst	0	63-Swarthmore	0
6-Brown	7	40-Virginia	6
7-Cornell	12	0-Wisconsin	27
	30 19		103 33
DARTMOUTH		**BROWN**	
79-Norwich	0	7-R. I. State	0
20-Bates	0	54-Worcester P. I.	0
74-Boston	0	7-Princeton	0
52-Columbia	0	0-Yale	21
	225 0		68 21
COLUMBIA		**COLGATE**	
48-Middlebury	0	38-St. Lawrence	0
25-Union	0	90-Bethany	0
48-Wesleyan	0	41-Lafayette	0
6-Dartmouth	52	7-Michigan St.	14
	121 52		185 14
ANNAPOLIS		**WEST POINT**	
19-W. & M.	6	39-Boston	0
0-Notre Dame	26	54-Furman	0
0-Duke	18	38-Swarthmore	0
		6-Harvard	0
	21 50		138 0
AMHERST		**WILLIAMS**	
41-Vermont	0	20-Rochester	0
0-Princeton	23	26-Middlebury	0
32-Union		7-Bowdoin	0
26-Worcester P. I.	7	66-Hobart	0
	98 30		118 7
BOWDOIN		**COLBY**	
45-Mass. Aggies	0	13-Wesleyan	6
7-Williams	7	0-Springfield	33
19-Tufts	14	0-Tufts	7
		19-Lowell T. S.	0
	71 21		32 46
BATES		**MAINE**	
26-Mass. Aggies	0	0-Yale	38
0-Dartmouth	20	13-Rhode Island	12
7-Norwich	0	13-Conn. Aggies	0
0-R. I. State	13	6-N. Hampshire	14
	33 33		32 64
CARNEGIE TECH.		**PITTSBURGH**	
75-Buffalo	2	52-Waynesburg	0
52-Thiel	6	16-West Virginia	0
31-Georgia Tech.	0	52-W. Reserve	0
6-Notre Dame	21	14-Syracuse	0
	164 29		134 0
CORNELL		**NEW YORK**	
86-Clarkson	0	35-Hobart	0
61-Niagara	14	41-W.Va.Wesleyan	0
47-Hamp-Sydney	6	20-Villanova	6
13-Princeton	7	38-Missouri	0
	186 27		134 12
SYRACUSE		**WASH. & JEFF.**	
55-R. P. I.	0	74-Bethany	0
49-Hobart	0	35-Westminster	0
27-Rutgers	0	7-Wittenberg	7
0-Pittsburgh	14	7-Temple	20
	131 14		123 27

N. H. L. Prepared to Fight American H.L.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

TORONTO, Ont.—The adjourned semiannual meeting of the Board of Governors of the National Hockey League was reconvened here Oct. 18 and the business preparatory to the opening of the season on Nov. 11 was concluded in a three-hour session. The schedule, as presented by President Frank Calder, was adopted and the question of action in connection with the American Hockey League was discussed. It was decided that no action be taken immediately, but the league, and organized hockey in general, is prepared for a battle. The action of the American League in placing clubs in Chicago and Buffalo in violation of the territorial rights of the Chicago Black Hawks and Buffalo Bisons, was considered a declaration of war.

The ownership of Players Joe Jerwa and Jack Beatty, formerly of the Vancouver club and claimed by both the Boston Bruins and New York Rangers, was discussed but no action was taken, as it is likely that an amicable arrangement will be made by the clubs concerned.

The transfer of the Pittsburgh Pirates' franchise to Philadelphia, where the club will be known as the Quakers, was sanctioned. The franchise will be owned by the Pittsburgh owners. Cooper Smeaton, referee-in-chief of the league for the past three seasons, resigned and accepted terms as manager of the Philadelphia club.

HARPER IS NATIONAL BILLIARD CHAMPION

DENVER, Colo. (AP)—R. B. Harper of Denver won the national amateur three-cushion billiard championship on Oct. 18, defeating Max Shimon of Milwaukee, titleholder, 50 to 39, in 66 innings, at the Denver Athletic Club.

The match consisted of three 50-point blocks and the total score for the series gave Harper 150, Shimon 112.

It was announced at the Denver Athetic Club that Harper would meet F. I. Fleming of Champaign, Ill., at the University of Illinois within the next 30 days.

LAUSANNE AFTER 1944 GAMES

NEW YORK—The far-off 1944 Olympic Games already has an applicant for sponsorship, it was learned in the Olympic News, published on Oct. 19. Lausanne, Switzerland, has applied for the honor of staging the thirteenth games, the fiftieth anniversary of the revival. Meanwhile, 11 cities have made bids for the 1936 games, these being Alexandria, Barcelona, Berlin, Budapest, Buenos Aires, Cologne, Dublin, Frankfort-on-Main, Helsingfors, Nuremburg and Rome. Berlin, which was to have held the 1916 meet, canceled on account of the World War, is the most probable city for the games following the Los Angeles carnival.

LADOUMEGUE RETTERS MARK

PARIS (AP) — Jule Ladoumegue, stellar French middle-distance runner, Oct. 19 bettered the world's record for the one-kilometer run, covering the distance in 2m. 23 3-5s. The old record for 1000 meters was 2m. 25 4-5s., held by Dr. Otto H. Peltzer of Germany. This was the second world's record Ladoumegue has lifted in two weeks from Peltzer. On Oct. 5 he ran 1300 meters in 3m. 49 1-5s. to break Peltzer's mark of 3m. 51s.

ODIE CLEGHORN TO MANAGE

DETROIT (AP)—Odie Cleghorn, of Montreal, former manager of the Pittsburgh Pirates of the National Hockey League, will sign a contract Oct. 20 to manage the Olympics, Detroit entrant in the International Hockey League, Charles A. Hughes, president of the Detroit Hockey Club, announced Oct. 19. Cleghorn will succeed Frank Foyston, who refused the club's offer of a new contract.

MISS COLLETT RETAINS TITLE

Defeats Miss Van Wie 6 and 5 in Women's United States Golf Final

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

LOS ANGELES, Calif.—Playing golf as champions play, Miss Glenna Collett retained her United States women's title by defeating Miss Virginia Van Wie of Chicago 6 and 5 on Oct. 18 in a 36-hole match over the north course of the Los Angeles Country Club, despite the fact that Miss Van Wie was consistently longer off the tee.

The champion's approach shots were excellent, and her game on and around the greens was flawless. Miss Van Wie was noticeably unsteady in putting, several short putts failing to drop at crucial stages of the match. It was just two years ago that the same two women fought it out in the finals for the same title. That time, however, Miss Van Wie was avalanched under a 13 and 12 drubbing. This year her game was better, but was ineffective against the five-time national champion.

Miss Collett's golf improved throughout the five days of match play. Until her match with Miss Helen L. Hicks of Innwood, L. I., N. Y., Oct. 17 in the semifinals she had not broken 40 on the first nine. On Oct. 17 she shot a 38, one under women's par and went on to inundate Miss Hicks 5 and 3. In the final, too, her game was perfect and it indicated to the 2000 people who followed the match that there is no one in the United States equal to the task of dethroning the champion at present. The summary:

UNITED STATES WOMEN'S GOLF CHAMPIONSHIP—Final Round

Miss Glenna Collett, New York, defeated Miss Virginia Van Wie, Chicago, 6 and 5.

LONG BEACH OPEN GOLF CANCELED

LOS ANGELES (AP)—A revolt of open golf tournament promoters against the Professional Golfers' Association of America tournament bureau was brewing Oct. 20, having been started with the announcement by the Long Beach (Calif.) Junior Chamber of Commerce that the $3500 Long Beach open had been canceled.

The Los Angeles Junior Chamber of Commerce, sponsor of the $10,000 Los Angeles open, defied the P. G. A. bureau in a letter refusing to give 10 per cent of the prize money to the association.

Other members of the California winter open golfing group also appeared ready to revolt. Pasadena and Glendale tournament promoters signified their intention of standing by the Los Angeles Junior Chamber of Commerce. The California winter tournaments post a total of $61,000 in prizes.

Last year the tournament bureau, with headquarters in Chicago, asked professional golfers to contribute 10 per cent of their winnings to the upkeep of the bureau. This year, with Robert Harlow in charge of the bureau, the decision was made to request tournament promoters to give 10 per cent of the posted prizes, because certain winning golfers had failed to donate.

Harlow, in presenting his request to promoters, said the money was to be used to assist the financing of tournaments in other sections to fill out the open tournament schedule.

MAY ELIMINATE TRAINING TRIP

WILLIAMSTOWN, Mass.—The Williams College Athletic Council is in favor of eliminating the annual training trip of the varsity baseball squad this spring, but before a final decision the sentiment of the student body will be obtained. Many reasons are given for the desire to omit the trip. The baseball team annually incurs a large deficit which is not offset by football; inclement weather is generally encountered while away; the squad is usually forced back to the cage after returning to Williamstown, and some of the players do not favor giving up their Easter vacation for baseball.

RICHARDS DEFEATS SHIELDS

NEW YORK—Vincent Richards, national professional tennis champion, defeated Frank X. Shields of New York, 6—3, 6—4, on Oct. 19, on the clay courts of the Seminole Club, at Forest Hills. The match was an exhibition, arranged for the entertainment of the members of the club, to which Richards belongs. The special stands erected for the occasion were filled to capacity, and many other spectators stood throughout the match.

COLLEGE CROSS-COUNTRY

Annapolis 16, Duke 39.
Colgate 26, Rensselaer 29.
Cornell 22, Alfred 43.
Hobart 21, Rochester 34.
Iowa 25, Minnesota 30.
New Hampshire 15, Northeastern 40.
Syracuse 15, Columbia 40.
Union 26, Manhattan 32.
Wisconsin 24, Pennsylvania 34
Worcester P. I. 26, Tufts 29.

COCHRAN TAKES FINAL BLOCK

NEW YORK—Welker Cochran won the final block of his 12-block three-cushion billiard match with W. F. Hoppe, 50 to 25, in 24 innings at the Strand Billiard Academy Oct. 19. Hoppe, however, was the victor in the week's play, having won eight of the 12 blocks. The winner made a total of 585 points, while Cochran registered 555.

RUTTAN TROPHY WON BY McGILL AGAIN

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MONTREAL, Que.—The McGill University golf team regained the Ruttan trophy, emblematic of the Canadian intercollegiate golf championship, here on Oct. 18 when it defeated teams from University of Toronto and Queen's University in the annual two-day tourney. On Oct. 17 in the singles the six McGill players scored 9½ points, Toronto 7½ and Queen's one while in the foursomes on Oct. 18 the local players scored 5½ points against 3½ for Toronto and none for Queen's. The results of the foursome were:

Emile Latulpie and R. H. Webster, McGill, all square with Jack Nash and R. Wilkinson, Toronto, and each pair defeated R. Elliott and R. Walker, Queen's.

J. M. Marler and R. Scott-Monerieff, McGill, defeated J. Sihler and E. Anderson, Toronto, and B. Lee and W. D. Wilmett, Queen's, the Toronto pair defeating Queen's.

Leo Ryan and C. Hart, McGill, defeated H. Payne and J. Lounsborough, Toronto, and J. McCaig and K. Bibby, Queen's, the Toronto pair defeating Queen's.

MANGIN WINS M. A. C. TITLE

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MONTCLAIR, N. J.—Gregory S. Mangin of Newark, N. J., senior at Georgetown University and reserve member of the 1930 Davis Cup team, won the singles championship of the Montclair Athletic Club here Oct. 18 when he defeated James Greer, 6—3, 6—4, 6—4. A heavy wind swept the courts.

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BOYCOTTERS ARE DEFEATED

Fans Crowd Stands in Game Between the Arsenal and Manchester United

BRITISH ASSOCIATION FOOTBALL STANDINGS

ENGLISH LEAGUE—First Division

	W.	D.	L.	Goals For	Goals Ag.	Pts.
The Arsenal	8	2	1	33	17	18
Aston Villa	7	3	1	30	14	17
Derby County	6	4	1	26	14	16
Huddersfield Town	6	3	2	29	18	15
Sheffield Wed.	5	5	1	17	12	15
Leicester City	6	2	3	25	19	14
Portsmouth Town	5	4	2	23	18	14
Middlesbrough	5	3	3	22	20	13
West Ham United	5	2	4	30	28	12
Chelsea	4	3	4	16	13	11
Liverpool	5	1	4	25	24	11
Sheffield United	2	6	3	19	18	10
Birmingham	2	6	3	17	18	10
Newcastle United	4	2	5	23	25	10
Blackpool Rovers	4	2	5	26	34	10
Bolton Wanderers	4	1	5	15	21	9
Blackburn Rovers	3	2	6	23	22	8
Grimsby Town	3	1	7	15	19	7
Leeds United	3	1	7	20	28	7
Manchester City	2	3	6	17	26	7
Sunderland	1	4	6	16	27	6
Manchester Unit.	0	0	11	13	45	0

Second Division

	W.	D.	L.	For	Ag.	Pts.
Preston N. E.	8	2	1	34	17	18
Everton	7	3	1	30	14	17
Tottenham H.	7	1	3	32	15	15
West Bromwich A.	6	3	2	25	14	15
Burnley	5	4	2	30	25	14
Port Vale Athletic	6	1	4	27	17	13
Bury	6	1	4	26	18	13
Southampton	4	5	2	13	14	13
Wolverh'mpt'n W.	6	0	5	26	21	12
Oldham Athletic	6	0	5	18	18	12
Bradford City	4	2	5	13	17	10
Swansea Town	3	4	4	15	20	10
Charlton Athletic	4	2	5	19	25	10
Bristol City	4	2	5	13	21	10
Notts Forest	3	3	5	24	27	9
Bradford	3	3	5	22	27	9
Stoke City	3	3	5	15	21	9
Barnsley	3	3	4	9	16	9
Plymouth Argyle	3	1	7	15	19	7
Millwall Athletic	3	0	8	21	26	6
Cardiff City	2	2	8	17	28	6
Reading	2	1	8	12	36	5

THIRD DIVISION

Northern Section

	W.	D.	L.	For	Ag.	Pts.
Lincoln City	10	0	1	26	6	20
Tranmere Rovers	8	1	2	31	19	17
Chesterfield	8	1	2	23	14	17
Wrexham	7	2	2	32	14	16
Stockport County	8	0	3	22	18	16
Wigan Borough	7	1	2	22	11	15
Hull	6	2	3	22	14	14
Carlisle United	6	0	5	25	17	12
Gateshead	4	4	3	17	17	12
Accrington Stan.	5	2	5	26	35	12
Halifax Town	4	3	4	14	18	11
Rotherham United	4	2	5	29	27	10
Crewe Alexandra	5	0	6	21	27	10
York City	4	1	6	21	25	9
Rochdale	4	1	6	26	33	9
Darlington	3	2	6	20	21	8
Southport	3	2	6	18	21	8
Doncaster Rovers	2	3	6	14	19	7
Barrow	2	2	8	11	29	6
Hartlepools United	2	1	7	14	20	5
Nelson	1	2	8	14	24	4
New Brighton	1	2	8	7	26	4

SOUTHERN SECTION

	W.	D.	L.	For	Ag.	Pts.
Notts County	10	2	0	36	9	22
Northampton	7	3	1	17	5	17
Torquay United	7	2	3	34	21	16
Brentford	5	4	3	22	18	14
Crystal Palace	5	3	3	33	20	13
Coventry City	5	3	3	23	15	13
Fulham Town	5	3	3	18	20	13
Gillingham	4	4	3	21	14	12
Southend United	5	2	4	20	22	12
Bournemouth	4	4	3	19	17	12
Swindon Town	6	0	6	26	24	12
Watford	5	2	4	18	18	12
Brighton and Hove	4	4	4	16	18	12
Exeter City	3	4	5	19	25	10
Bristol Rovers	3	4	5	18	28	10
Queen's Park R.	4	1	6	20	21	9
Clapton Orient	3	3	5	17	23	9
Luton Town	3	3	6	16	27	9
Walsall	3	1	7	23	30	7
Norwich City	1	4	6	10	25	6
Newport County	2	1	8	13	29	5
Thames	2	1	8	13	29	5

SCOTTISH LEAGUE—First Division

	W.	D.	L.	For	Ag.	Pts.
Motherwell	7	4	0	30	12	18
Partick Thistle	8	1	2	33	12	17
Dundee	8	1	2	25	15	17
Celtic	7	2	1	30	11	16
Cowdenbeath	8	0	3	19	13	16
Glasgow Rangers	6	3	2	21	12	15
Hamilton Acads	6	3	4	20	13	15
Heart of M'loth'n	7	0	4	27	20	14
St. Mirren	5	2	3	15	13	12
Greenock Morton	5	1	4	24	22	11
Kilmarnock	4	1	6	14	17	9
Aberdeen	4	1	7	15	20	9
Queen's Park	3	2	5	17	21	8
Airdrieonians	3	2	6	17	29	8
Clyde	2	3	6	18	23	7
Leith	2	3	6	14	21	7
Falkirk	3	1	7	17	26	7
Hibernian	2	1	8	15	28	5
Ayr United	1	2	7	12	28	4
East Fife	1	1	9	12	39	3

By Radio from Monitor Bureau

LONDON — The biggest defeat in connection with the English Association Football League Oct. 18 was sustained by the so-called "supporters" of the Manchester United Club, who had expressed their intention of showing their disapproval of the way this unfortunate side's affairs have been conducted by "boycotting" the attractive match against the Arsenal, holder of the English Cup, and one of the brightest sides in the game today. Instead of staying away as requested by the organizers of this unusual form of protest against the management of Manchester United, the real supporters rallied round in greater numbers than in any previous game this season, and a dense crowd packed into the terraces and grandstands and inspired the Manchester players to more impressive efforts than have been shown in most former engagements. The only thing required to complete the happiness of the club's personnel was victory, but this did not come about, although Manchester opened the scoring in the first three minutes of play.

The Arsenal netted twice against its opponents' once, and as a result climbed again to top place in the standing of the first division over Aston Villa, which was held to a draw by its local rival, Birmingham. Aston Villa had not previously dropped any points at home this season. While the Arsenal and Aston Villa are see-sawing in the first two places, Derby County, now in third position, is earning a big reputation by consistently brilliant victories, and, in the opinion of many critics, is describable as "the" team of the moment.

A change of leadership occurred also in the second division, where the Preston North End Club of long history and many vicissitudes has taken the place of Everton, which fell from the upper regions at the end of last season. The only undefeated side in the league is Notts County, leader of the southern section in the third division. Notts County has won 10 of 12 fixtures played.

In the Scottish league the table presents an unusual appearance with the famous Glasgow Rangers, who a fortnight previously filled top place, now away down in sixth place. The leader in the race is Motherwell, which is appropriately the only side unbeaten this season across the border.

COLLEGE FOOTBALL SCORES

Akron 13, Wooster 6.
Alabama 18, Tennessee 6.
Alfred 7, Susquehanna 0.
Albion 25, Olivet 0.
Allegheny 6, Thiel 0.
Alma 20, Hope 6.
American 60, High Point 6.
Amherst 36, Worcester P. I. 7.
Appalachian S. C. 61, Christian 12.
Arizona 6, Temple S. T. 0.
Arkansas 7, Rice 6.
Augustana 13, Knox 6.
Baylor 14, So. Methodists 14.
Boston 7, Middlebury 0.
Bowdoin 19, Tufts 14.
Bowling Green 13, Murfreesboro 7.
Bucknell 14, St. Thomas 0.
Buffalo 6, Hamilton 0.
Carbondale 39, Illinois N. S. 0.
Carroll 25, Beloit 0.
Carson Newman 38, State Teachers 0.
Case 6, Kent 0.
C. C. N. Y. 37, Mass. Aggies 7.
Chattanooga 8, Mercer 6.
Colby 19, Lowell T. S. 0.
Colorado 36, Colorado Mines 7.
Colorado State 26, Colorado T. 0.
Columbia C. 19, St. Ambrose 0.
Concordia 7, St. Johns 0.
Cornell 12, Princeton 7.
Dartmouth 52, Columbia 0.
Davidson 6, Citadel 0.
Davis Elkins 7, Furman 7.
Decatur 33, Bloomington 6.
Delaware 38, Gallaudet 0.
Delta S. N. 66, Bethel 0.
Denver 6, Colorado C. 0.
Duke 18, Annapolis 0.
Eastman 19, Brooklyn 7.
Elon 33, Wilmington 0.
Emporia T. 27, Southwestern 13.
Flagstaff 9, New Mexico A. & M. 6.
Florida 19, Chicago 0.
Fordham 6, Holy Cross 0.
Franklin 27, Earlham 0.
Geneva 41, Waynesburg 7.
Georgia 26, North Carolina 0.
Georgia Tech 14, Alabama P. I. 12.
Georgia S. C. 19, Southern 13.
Gettysburg 20, Lehigh 0.
Greenbrier 13, Kentucky 0.
Grove City 19, Westminster 0.
Hanover 20, Lebanon 0.
Hillsdale 13, Detroit C. C. 12.
Illinois B. 12, Indiana B. 7.
Illinois Wes. 13, De Pauw 6.
Idaho 46, Whitman 0.
Iowa Wes. 13, Central 6.
Juniata 52, Wagner 0.
Kansas 14, Kansas St. 0.
Kansas Wes. 14, Springfield 7.
Kentucky 33, Washington and Lee 14.
Kenyon 6, Haverford 0.
King 13, Bluefield 6.
Lake Forest 40, Northwestern 0.
Lawrence 21, Hamline 8.
Lincoln 12, Tusculum 6.
Louisiana State N. 7, Louisiana College 6.
Lutha 6, Buena Vista 0.
Lynchburg 49, Bridgewater 7.
Macomb 18, Shurtleff 0.
Manchester 27, Valparaiso 7.
Manhattan 13, Rensselaer 7.
Marshall 37, Bethany 0.
Maryland 21, St. John's 12.
McMurray 14, Sul Ross T. 0.
Michigan 13, Ohio State 0.
Michigan St. 14, Colgate 0.
Michigan S. N. 19, Western S. N. 0.
Milwaukee T. 38, Stevens Point T. 0.
Minnesota 6, Indiana 0.
Miss. Aggies 8, Louisiana St. 6.
Montana 13, Montana St. 6
Montclair N. S. 12, N. Y. Aggies 0.
Mt. Morris 39, Wheaton 0.
Mt. St. Mary's 33, Baltimore 0.
Mt. Union 25, Oberlin 0.
Muhlenberg 7, Dickinson 0.
Nebraska 14, Iowa State 12.
Nevada 20, Pacific 13.
New Hampshire 14, Maine 8.
New York 38, Missouri 0.
New Mexico 61, N. M. Mines 0.
N. C. College 12, Livingstone 0.
Niagara 19, St. Lawrence 0.
Northern T. 18, Michigan T. 0.
Northeastern 7, Conn. Aggies 0.
Northwestern 32, Illinois 0.
North Dakota 21, S. D. State 0.
N. D. State 12, Morningside 0.
Norwich 6, Coast Guard 0.
Notre Dame 21, Carnegie Tech. 6.
Ohio 47, Western Reserve 0.
Ohio N. 14, Hiram 0.
Ohio State B. 6, Michigan B. 6.
Ohio Wesleyan 23, Cincinnati 0.
Olympic Club 13, California 7.
Oregon 6, Washington 0.
Penn. M. C. 20, St. Joseph's 0.
Penn. State 0, Lafayette 0.
Pillsbury 7, Blake 0.
Pittsburgh 14, Syracuse 0.
Presbyterian 14, Wofford 0.
Providence 19, Clarkson T. 0.
Purdue 20, Iowa 0.
Quantico 33, Atlantic 0.
R. I. State 13, Bates 0.
River Falls T. 12, Stout Institute 2.
Randolph Macon 6, Hampden Sydney 0.
Richmond 0, Roanoke 0.
Roanoke 0, U. of Richmond 0.
Rutgers 33, Johns Hopkins 0.
Sam Houston 21, Oklahoma T. 15.
San Marcos 6, Abilene Christian 6.
Simpson 33, Parsons 6.
So. California 65, Utah 7.
Southeastern T. 7, Northeastern T. 6.
Southwestern 14, Miss. T. 0.
Springfield 20, Lebanon Valley 0.
Stanford 13, Oregon St. 7.
St. Francis 12, Slippery Rock 0.
St. John's 6, Drexel 0.
St. Normal 7, Louisiana C. 6.
St. Olaf 19, Carleton 0.
St. Paul 7, Virginia Seminary 0.
St. Viator 12, McKendree 0.
Stroudsburg 13, Shippensburg 7.
Swarthmore 33, Washington C. 6.
Temple 20, Wash. & Jeff. 7.
Tennessee P. I. 65, Hiwasee 0.
Texas 17, Oklahoma 7.
Texas Christian 3, Texas A. & M. 0.
Tifton 19, Southern 13.
Trinity 16, Conn. Aggies 6.
Tulane 21, Birmingham So. 0.
Tuskegee 40, Talladega 6.
Union 19, Vermont 7.
Ursinus 19, F. & M. 0.
Utah 34, Brigham Young 7.
Vanderbilt 27, Springhill 0.
Villanova 7, Boston C. 0.
Virginia 13, Virginia M. I. 0.
Virginia P. I. 7, William & Mary 6.
Washington State 24, Gonzaga 0.
West Kentucky T. 13, Tennessee T. 7.
Western Maryland 10, Georgetown 0.
West Point 6, Harvard 0.
Western Teachers 18, Shurtleff 0.
West Virginia State 7, Howard 0.
W. V. Wesleyan 20, Glenville 0.
Wesleyan 12, Rochester 0.
Williams 65, Hobart 0.
Wilmington 20, Cedarville 0.
Wisconsin 27, Pennsylvania 0.
Wyoming 6, Keystone Academy 6.
Yale 21, Brown 0.
Yankton 24, Sioux Falls 0.
Ypsilanti 19, Kalamazoo 0.

COLLEGE SOCCER RESULTS

Amherst 1, Worcester P. I. 0.
Annapolis 3, Lehigh 2.
Cornell 1, Princeton 0.
Dartmouth 5, M. I. T. 0.
Harvard 6, Pennsylvania 1.
Haverford 1, Penn State 1.
Northeastern 7, Conn. Aggies 0.
Springfield 6, Tufts 0.
Stevens 5, St. Stephens 0.
Swarthmore 5, Rutgers 1.
Williams 4, Clark 1.
Yale 2, Brown 1.

AUSTRALIAN WOMEN LOSE AGAIN

By Radio from Monitor Bureau

LONDON—The Australian women field hockey players, the first team of its kind that has ever toured abroad from the antipodes, met with its fourth defeat in the fourth match of their program at Birmingham, Oct. 18, when it lost 5 goals to 0, to a combined side picked from Worcestershire, Warwickshire and Staffordshire County players. To date the Australian girls have been defeated by the English side that toured Australia in 1927, the West of England, Wales and midland counties.

TURNESA DETHRONES KOZAK

WHITE PLAINS, N. Y. (AP)—Joe Turnesa of Elmsford, N. Y., Oct. 18 dethroned Walter Kozak of Douglaston, N. Y., in the Metropolitan Professional Golfers' Association championship tournament, defeating the 1928 and 1929 title holder 2 and 1 over 36 holes at the Gedney Farm Golf Club.

DIESEL YACHT LAUNCHED

BATH, Me. (AP)—The Trudione, 191-foot Diesel-powered yacht, was launched for Ralph Judson of Detroit at the Bath Iron Works Oct. 18. The vessel was christened by the owner's two daughters, Mrs. Gertrude Luskin of Boston, and Mrs. Robert Ellis of Evanston, Ill.

AVIATION PLANT OPENS

SANTIAGO, Chile (By U. P.)—Production was started, Oct. 17, in the new $7,200,000 Curtiss-Wright aviation plant at Los Cerrillos Field near here.

MORSE WILL MANAGE STEERS

DALLAS, Tex. (AP)—Officials of the Dallas baseball club of the Texas League announced Oct. 19 that Happ A. Morse, veteran infielder, would manage the Steers in 1931. Morse, senior member of the team from the standpoint of years of service, succeeds Jakie Atz, who resigned recently after one season at the helm.

HOCKEY PLAYERS ARRIVING

Hockey players are arriving in Boston for both the Boston Bruins and Boston Tigers. Among the early arrivals are Harry Oliver, Henry Harris and Ronald Lyons of the Bruins and Johnny Loucks of the Tigers.

Harvard Chessmen Defeat West Point

The usual Harvard-West Point post-football chess match was held Oct. 18, at the Harvard Union. At 7 o'clock, eight cadets, the only ones that did not take the special at Allston immediately following the football game, and eight Harvard youths began their intellectual battle for supremacy.

The first game to finish was a Two Knights defense between Cadet D. N. Motherwell '31, and V. L. Eaton '34, of Harvard, at board 6. Motherwell developed a strenuous attack on the King's side, sacrificing a piece in the process. This, Harvard's 15-year old freshman saw fit to accept; whereupon the West Pointer found his attack thwarted and was compelled to force a draw by repetition of moves.

Shortly aferward, at board 8 Cadet P. O. Ward '31, and M. A. Mergentheim Jr., Harvard '33, were reaching a crisis in a Ruy Lopez in which the Harvard player castled on the Queen's side with a very strong attack, mating on his fifteenth move.

Meanwhile, at board 7 C. J. Tannenbaum, Harvard '34, and Cadet T. S. Henry '33, were playing an original King's Pawn opening. Tannenbaum, playing White, won a pawn on his fourteenth move. Then his opponent lost his Queen on an oversight, resigning at his nineteenth turn.

The next game to finish was at board 4, between W. A. Robertson Harvard '31, and Cadet H. H. Dudley '31. In a Giuoco Piano with early simplifications, the West Pointer gave up a pawn on his twenty-fourth move in a faulty combination. This Robertson accepted, soon forcing the gain of another which decided the game in his favor, after 41 moves of play.

Harvard now had 3½ of the 4½ points needed to insure victory. It fell to Alex Saron, Harvard '31, at board 3 to clinch the match. Playing against Cadet H. B. Cooper '31, in a Queen's Gambit Declined, which had been considerably simplified, Saron forced through a passed pawn. This cost the West Pointer the exchange, and he resigned on his forty-sixth move with a hopeless position.

The remaining three games soon drew to a finish. At board 2, Cadet C. M. Snyder '33, and N. E. Long, Harvard '32, finally drew a colorful contest, in which first Long and then Snyder had apparent winning chances. An ending with bishops of opposite colors made a draw the natural outcome. At board 1, M. C. Stark, Harvard '33, present Harvard-Yale-Princeton individual champion, and Cadet J. D. Matheson '33, played a Queen's Gambit Declined.

In the best played game of the contest, Stark turned strong pressure on the Queen's Bishop file into the gain of a pawn on his twenty-ninth move. This advantage proved decisive, for Matheson resigned at his forty-third turn. The final game, at board 5, between Ordway Southard, Harvard '32, and Cadet W. A. Jensen '33, was a win for Southard, who got a strong central pawn position early, establishing a knight at KB6. This permitted a decisive attack against the castled king of the West Pointer, who resigned at his forty-sixth move. The summary:

Board	HARVARD		WEST POINT	
1	M. C. Stark '33	1	J. D. Matheson '33	0
2	N. E. Long '32	½	C. M. Snyder '32	½
3	Alex Saron '31	1	H. B. Cooper '31	0
4	W. A. Robertson '31	1	H. H. Dudley '31	0
5	Ordway Southard '32	1	W. A. Jensen '33	0
6	V. L. Eaton '34	½	D. N. Motherwell '31	½
7	C. J. Tannenbaum '34	1	T. S. Henry '33	0
8	M. A. Mergentheim '33	1	P. O. Ward '31	0
	Total	7		1

Harvard played white on the odd-numbered boards.

PLATT WINS SHAWNEE GOLF

SHAWNEE-ON-DELAWARE, Pa.—J. Wood Platt of Whitemarsh, finalist in the Canadian amateur, defeated Harry Compton of Suburban, 5 and 4, in the final round of the annual Shawnee Fall golf event on Oct. 18. Platt was forced to shoot par golf to enter the final round, running up against three young stars in the top-heavy lower racket. In the semifinal round he was even par against Herbert Parker of Spring Brook, to win, 3 and 1. Compton did not experience much difficulty until his semifinal round match with Dr. H. B. Garrity of Deal, the medalist, whom he defeated, 1 up.

BOROTRA WINS TITLE

LONDON (AP)—Jean Borotra, French Davis Cup player, won the English covered courts tennis championship Oct. 18, defeating Henry W. Austin of Great Britain in a five-set match. The score was 6—1, 0—6, 2—6, 6—2, 6—2. The women's singles title went to Miss Joan Ridley, who defeated Miss Joan C. Fry, 6—2, 6—3.

THEBAUD WINS DECIDING RACE FOR LIPTON CUP

(Continued from Page 1)

restepped two feet farther aft to overcome if possible a hard lee helm.

When the two boats came out on Oct. 18, after numerous postponements and ineffectual efforts to cover the course in the required six hours, they found a fine breeze blowing off the reef of Norman's Woe straight out to sea. The race committee at once decided on a course that would give the contenders a broad reach along the Cape Ann shore to mark off Thacher's Island, another reach out into the bay, and a third leg in to the home stake which would be a thrash to windward, to be sailed twice, with a dash for the finish into the harbor.

The start was the best of the series, with the Bluenose coming for the line somewhat slowly, and the Thebaud with considerably more speed nosing in between the Nova Scotian schooner and the mark flag, both crossing within half a minute of the signal. The Thebaud had way enough to send her out ahead of the Bluenose, and at one time she had a lead of 50 yards. Then the Bluenose, with the aid of a puff or two, drew up, and blanketed the Gloucester fisherman so effectively that the latter's sails were flapping as the visitor went coursing past to weather and into the lead. The margin between the two boats increased gradually as they sailed along the first six miles, and at the turn the Bluenose had a comfortable margin of over a minute.

Jibing round the mark, Captain Walters trimmed sheets for the reach on the starting tack for the second mark, with the Thebaud trailing half a mile astern. Yet in that dash out to the southeast, the local boat picked up 10 seconds, not enough, however, to more than threaten the Bluenose as the latter luffed round the second mark, with a lead of more than a minute.

Evidently believing that there was more breeze under the shore, Captain Walters at once tacked to port without waiting to see what move Captain Johnson would make on reaching the second mark. Even when the Gloucester skipper kept right on with starboard tacks aboard on passing the mark, Walters let him go and threw overboard one of the axioms of sailing boat racing, that in a beat to windward the leading boat should always keep between the second boat and the mark. He had plenty of time to tack to starboard and cover the Thebaud, and knowing after the race of Oct. 15 that the Gloucester boat was slow in stays, he had every reason to believe that he could meet his opponent tack for tack and gain on each.

He continued on, however, for the Cape shore, and when he finally flung the Bluenose round on the other tack he sighted the Thebaud, which had held the starboard tack if anything too long; in other words, had overstood, coming in from offshore. Not only had Walters failed in following the Thebaud, but under the Cape shore he encountered a strong weather bow tide and a shift of wind to the westward, both of which sent him still farther to leeward.

Just before noon, the Bluenose from having a lead of over a minute 15 minutes before, was crossed by the Thebaud by more than a mile and a half. This settled the race and the custody of the two cups.

Being naturally anxious to reach the home mark as soon as possible Captain Walters made the mistake of tacking for it too soon, and while the Thebaud came down for the mark with started sheets, the Bluenose had to be pinched and even then did not make it. By the time the Nova Scotian boat after two short hitches wore round home buoy, the Thebaud was half way down the first leg in the second round of the triangle. The rest of the race was a long stern chase with the Bluenose outsailing the Thebaud on three of the four legs to the finish, just to show what she could do.

She picked up more than three minutes in the broad reach to the Thatcher's Island buoy, dropped three-quarters of a minute when the Thebaud spurted along the second leg and attained a speed of 12.71 nautical miles an hour, perhaps the fastest that a fishing schooner has made in many years; gained nearly three minutes more in the beat to the home buoy, and three-quarters of a minute in the broad reach to the finish inside of Gloucester harbor. In four of the seven legs of the course, the Bluenose outsailed the Thebaud 8m. 7s., but she lost 15m. 15s. in the unfortunate beat on the first windward leg, and was slightly outfooted in the two reaches. The summary:

INTERNATIONAL FISHERMAN'S RACES FOR LIPTON AND DAVIS CUPS

Second race—Wind west north west 15 miles. Sea smooth. Sky clear. Start 11 a. m.

Boat	Captain	Finish	Elapsed Time
G. L. Thebaud	C. Johnson	2:17:06	4:17:06
Bluenose	A. Walters	2:25:03	4:25:03

By legs. First leg 6 miles. Broad reach.

	Time at Mark	Elapsed Time
Thebaud	10:48:26	48:26
Bluenose	10:47:12	47:12
Second leg 6 miles. Reach.		
Thebaud	11:19:06	30:40
Bluenose	11:18:02	30:50
Third leg 6 miles. Beat.		
Thebaud	12:09:19	50:13
Bluenose	12:23:28	1:05:26
Fourth leg 6 miles. Broad reach.		
Thebaud	12:47:22	38:03
Bluenose	12:58:04	34:38
Fifth leg 6 miles. Reach.		
Thebaud	1:15:50	28:28
Bluenose	1:27:15	29:07
Sixth leg 6 miles. Beat.		
Thebaud	2:09:25	53:35
Bluenose	2:18:05	50:50
Seventh leg 1⅜ miles. Broad reach.		
Thebaud	2:17:06	7:41
Bluenose	2:25:03	6:58

SAMOAN COMMISSION BACK AFTER SURVEY

LOS ANGELES (AP)—Members of President Hoover's Samoan commission, led by Hiram Bingham, Senator from Connecticut, have returned home.

Before starting for Washington Mr. Bingham said the commission would recommend to Congress the draft of a new law for American Samoa which would make Samoans American citizens and the seven South Sea islands an integral part of the American Commonwealth.

General Court's 300th Birthday Celebrated at Special Session

The Massachusetts General Court met in solemn convention Oct. 20 and, with exercises of the most dignified simplicity, asseverated its allegiance to and pride in the great ideals upon which it was founded exactly 300 years ago, upon the application of 109 men "to be made freemen."

"O God, our help in ages past, our hope for years to come," prayed the chaplain, the Rev. Dr. Charles H. Moss, and legislators and guests saluted the accomplishments and hopes of the past and the future.

The two bodies of the Legislature, the Senate and the House, met in their respective chambers at 10:30 a. m., appointed committees each to notify the other of such meeting, and at last came together in convention in the great circular room which is the House. Clusters of lights blossomed on short stalks around the room and the seal of the Commonwealth, set in colored glass in the ceiling, took on a strange illusion of being rimmed in peacock feathers. The Judiciary came in; 20 members of the Superior Court and seven justices of the Supreme Court.

Distinguished guests took seats in the speaker's gallery and in the front rows on the floor. Frank G. Allen, Governor of the Commonwealth, was admitted upon invitation of the General Court, coming down the center aisle accompanied by military staff officers.

Gaspar G. Bacon, president of the Senate, became president of the joint convention and spoke. He spoke of the duty upon citizens of the Commonwealth to avoid the shortcomings and emulate the virtues of the men who founded the Massachusetts stock.

"We honor the Puritan," he said, quoting the late Henry Cabot Lodge, "despite all his errors, for his strong, bold nature, his devotion to civic freedom and his stern, unconquerable will. His descendents have had the benefit of education and the influences of world contacts. Massachusetts has gone forward. She has been a pioneer in all movements for the betterment of her people. She stands today in the forefront of the states of the union, a leader in administration, a leader in legislation, a leader in the dispensation of justice."

Mr. Bacon introduced Leverett Saltonstall, Speaker of the House, whose forebear Sir Richard Saltonstall came to Salem in the Arbella with members of the original Bay Colony.

"Our Constitution has been amended 70 times," he said. "I suppose the two most important amendments are those giving the people the right to vote without regard to property qualifications, and the right to accept or reject a law passed by the General Court. . . . The years all merge as we look back to the primitive days of 1630, when those hardy pioneers established the Massachusetts Bay Colony and began the glorious history we are so proud of today."

The Governor summarized the reasons for the reverence which underlay the meeting and the marking of the year as a symbol of the achievements of the past and the ambition for the future.

The chief orator of the day, Arthur Prentice Rugg, Chief Justice of the Supreme Court, spoke at length on the implications of the Tercentenary year, the traits of the Puritan and the fact that this particular meeting was without precedent. He traced "the unfolding of the beneficent legislation enacted by the Commonwealth through three centuries, and the fact that the continuous existence for 300 years of the legislative body of a self-governing community is a notable spectacle.

"Law, freedom, truth and faith in God,
Came with those exiles o'er the waves,"

the Chief Justice quoted and ended by saying, "a survey of the 300 intervening years since the day of their coming, shows that those priceless blessings have been preserved, nourished, promoted, enlarged and established by the enlightened wisdom and steady public spirit of the Massachusetts General Court."

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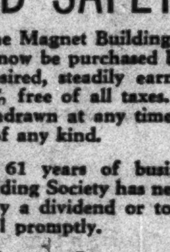

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46	48	46
48	50	48
50	52	48
52	54	50
54	56	50
56	58	52
58	60	52

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THE CHILDREN'S PAGE

Three Little Pigs

ALPHA, Beta and Gamma were three little white pigs that Father San had bought of Farmer Fields. They were so clean and pink and pretty that all who saw them in the pen at Littlecote were sure to cry, "What darlings! Do you wash them?"

Whereupon Father San would always laugh and say, "Yes, we send them to the laundry every week. Is it not so, Alpha, Beta and Gamma?" And it really seemed as if the piggies enjoyed the joke as much as anyone. They would give quick little grunts that seemed to be meant for laughs; then they would squint their eyes as if they were smiling; then they would lean against the side of their pen to be petted and scratched.

Sad to say, their pen was not very nice. It had been used by the former pigs of Littlecote, and was old and bare and muddy. The wonder was that the little white piggies were able to keep clean at all. Father San promised them a new pen just as soon as the man would come to build it. But the man was so very, very slow that the piggies grew tired of waiting.

One morning when Margery Ann and Dicky Dan came skippety-skip with some nice red apple parings to share with their pets, the pen was empty. A loose plank showed where they had pushed out; a few tracks about the garden showed where they had been exploring there; but there were no other signs, and not a piggie in sight. Margery Ann and Dicky Dan went racing with the news to Father San.

"One flew East,
And one flew West,
And one flew over the cuckoo's nest,"

sang Father San as he ruffled his hair and wondered what to do about it. "I shall take the Green Lane, Daughter, to see what I can see," he said at last. "You and Dicky Dan take the Winding Way. Watch for tracks and ask whoever you meet."

So off they all went to hunt the runaway piggies. Margery Ann and Dicky Dan went skippety-skip down past the old mill and the giant elm tree. They thought they saw some tracks in the soft earth beside the road but were not sure. Soon they came to the little wee house where the Gray Lady lived all alone. As it happened, the Gray Lady was in her little wee garden, tending her flowers. They called to her, "Please, have you seen three little white piggies running away?"

"Yes, dears," she answered, coming nearer the fence to talk to them. "They passed here a half-hour ago, so pretty and pink and clean you would have thought they had just had a bath. I didn't know they were yours, though, or I would have tried to stop them. I thought they belonged to Farmer Fields."

"They did belong to Farmer Fields before we bought them. Perhaps they are going home. We must hurry after them," said Margery Ann, who thanked the Gray Lady and went on with Dicky Dan expecting to see the runaways any minute now.

Fred Fields was mowing grass in the orchard when they reached there. They climbed on the fence and called to him, "Have you seen our little white pigs?"

"Sure," he said, coming closer with his scythe, "they passed here a half-hour ago, looking like a parade. They must be round the hill by this time."

"We thought they would stop here since this was their old home," explained Margery Ann. "We thought they would be here."

"No," said Fred, "they just nosed about the gate a little and went on. They must be round the hill by this time. It's every bit of half an hour since they passed."

"It's like a game," said Margery Ann, as she and Dicky Dan hurried on, trying not to feel disappointed. They had never been so far on the Winding Way before, and it was beginning to seem long and strange. They did not guess that it curved round and round and finally ran into the Green Lane itself. On and on they went, watching carefully for signs of the runaways, and wondering when the chase would end. They now saw someone coming toward them, a man walking.

"We'll ask him if he saw them," said Dicky Dan with fresh hope.

"Why, it's Father himself," cried Margery Ann in surprise.

"We didn't find the piggies," called Dicky Dan, running ahead of his sister. "Everybody said they passed this way a half hour ago, but we didn't see them. It was like a game, but we didn't win it."

"No, you certainly didn't," laughed Father San, as he sat on the grassy bank to rest. "Those piggies like a joke as well as anyone, and they have had one all to themselves this time. You see, they made a circle trip, going by the Winding Way and coming home by the Green Lane. I found them at the end of the lane just half an hour ago, and put them safely in their pen again. Then I came to meet you, knowing it would be nearer this way than to follow you."

"That is a good joke," laughed Margery Ann. "I didn't even know that we had come to the Green Lane yet."

"And I know another joke," said Father San, fanning himself with his hat.

"What is it?" asked Dicky Dan.

"No sooner had I put Alpha, Beta and Gamma in their old pen than the man came to fix the new one."

"That's a good one, too," said Margery Ann and Dicky Dan together. "Let's hurry on to see if the piggies are laughing."

"Come, see this dear little amber worm," cried the Queen.

The Queen and the Little Worm

By ETHEL CLERE CHAMBERLIN

ONCE upon a time, about 1700 years before Jesus Christ was born, a tiny egg rested on a green mulberry leaf in a beautiful forest in China. It was a tiny yellow egg when it was left there by the Mother Moth, but it grew grayer and grayer until it was very gray.

One day when the sun was warm a wee hole appeared in the shell and in a few seconds a tiny black worm no larger than a snip of hair, wriggled her way out and crawled along the leaf. Small as she was, the little worm had long black hair, 16 legs and a very shiny nose!

And although she did not know it and did not really care, her name was Bombyx Mori, which means silkworm.

She crawled slowly along the leaf until she came to a hole about the size of a pinprick, and, as she had nothing else to do, Bombyx crept through to the other side. As she did so some pieces of shell which were clinging to her long hair were scraped off.

By this time she was hungry and began to munch on the tender, juicy mulberry leaf. For eight days Bombyx munched, only stopping now and then to catch her breath. Then she was tired and fell asleep.

Changing Her Coats

For two days and nights she slept and then woke up because she was hungry again. But when she began to move, her black hooded coat which completely covered her was not comfortable. It pinched her across the back and squeezed her legs. As soon as she felt this she gnawed a hole in the hood and crawled out, leaving the old coat on the leaf. Underneath she had a dark brown one which was loose and comfortable.

Three times more Bombyx ate, and slept and crawled out of her old coat, and each time the new one was a few shades lighter. The fourth time her new coat was a beautiful amber color. And although she had no eyes to see it she felt that at last she had a very beautiful costume.

The forest was calm and quiet and sweet-smelling and Bombyx Mori munched contentedly on the leaf. She did not know it, but all around her on every leaf other little worms just like her were chewing just as fast as she. Their jaws made quite a noise as they moved them from side to side.

Suddenly Bombyx stopped munching. She was upset by the sound of voices and laughter in the forest.

Queen Si-Ling-Chi was her ladies-in-waiting and some cavaliers were coming down the path. The Queen was looking up into the beautiful mulberry tree when she spied Bombyx.

"Come, see this dear little amber worm," she called, and picked the branch on which Bombyx Mori's leaf grew. Her voice was soft and low and Bombyx was quite happy when she felt that she was being carried away by the Queen. In the castle the Queen placed the branch in her window where she could watch the little worm. Now and then as she wove the wool into the tapestry she was making, the Queen stopped to take a peep at Bombyx, who was eating the leaf very calmly.

Soon, because she was happy, and because the room was quiet and peaceful and there were no queer odors, like vinegar or tobacco or strong perfume, the little worm decided to show off a bit. She crept along the leaf until she came to the stem and from one stem to another until, like Goldilocks, she found one that was "just right." Then she began to chew rather rapidly.

Bombyx Sets to Work

And, as Queen Si-Ling-Chi watched, two little threads came from somewhere way down in Bombyx's throat. As they came out of her mouth they were glued together by a soft liquid so that all the Queen saw was one. Bombyx waved her head and shoulders about, fastening the tiny thread to first one stem and then to another. Faster and faster she chewed and faster and faster came the thread as she looped it back and forth in figure eights. Soon she was surrounded by a cloud of thread figure eights and in a short time Queen Si-Ling-Chi, who was much interested, could scarcely see her. Bombyx chewed on and on, lining her little nest with loops, and all the time she was growing thinner and thinner, until after eight days of spinning she was quite small.

"I'm tired now, and sleepy, too," she said and fell fast asleep.

And while she was sleeping a wonderful change came over her, for her 10 front legs disappeared. In their place grew four wings neatly folded over her breast and six remaining legs. Two little horns that turned to feelers poked their way out of her head and her skin, which had been soft and smooth, grew hard like a shell and changed to a dark reddish brown. Through all of these changes Bombyx slept sweetly and soundly.

Every day for three weeks the Queen listened to the little nest, or cocoon, but she heard no sound from inside. Then one day she thought she felt a movement inside.

Bombyx was waking up! She stretched her shoulders and the hard shell-like skin, which had held her close, cracked open. After making a hole in the cocoon Bombyx kicked and pushed until she came out into the air.

She was a very different Bombyx Mori though, for she had eyes, eyes that were large and beautiful. But she had no mouth. She felt rather moist and she sat on the edge of the cocoon until her creamy white body and wings were quite dry. Then spreading her wings, she floated from the branch and fluttered to the Queen's hand. A second only she rested there as though in a farewell caress, and then floated away into the forest in search of the mulberry tree.

"O, my pet, she's gone!" cried the Queen, as she picked up the little cocoon. She was quite astonished to find that she could unwind it. In a little while a cloud of silken thread lay in a fluffy pile in her lap.

"Oh, milord," she cried as the Emperor came into the room, "see this beautiful thread which Bombyx left for me. If I had enough I would weave you the most beautiful coat!"

"Your Bombyx was probably not the only one on the mulberry tree. We'll go and see for ourselves," said the Emperor of all China.

Down the path the Queen and Emperor tiptoed. The tree seemed to have changed, but it was only because hundreds of creamy white moths rested on its leaves and hanging to the stems and branches were as many cocoons. They picked them from the branches and filled the Queen's apron.

The Emperor's Coat

The Queen would allow no one to help her unwind the cocoons and roll the silken thread on a great spool. She was busy for some time. Then she began to weave a coat for her husband. When it was finished, there was never anything like it in all the world, so soft it was, and glistening!

The Emperor was very proud of it, and said to his subjects:

"This must never be told! We'll take good care of these little treasures, save the cocoons and weave the thread into silk and satin. Woe to the man who tells the secret of little Bombyx Mori!"

And so, for thousands of years the Chinese people made and sold the silken fabric to the Persians, who tried in every way to learn the secret. The Persians in turn sold silk to the nobles of Rome who liked to wear clothes made from this wonderful thread.

Then Persia and the Roman Empire became unfriendly, and the Persians would sell the Romans no more silk. The Roman Emperor grew very sly. He sent two monks to China to find and bring back the secret. No Chinese man thought that he should stop the two monks from going back to their own land. The Chinese even helped them on their way, these two religious men walking with the help of their canes! The men gave great sighs of relief when they reached home, for in their canes were many Bombyx Mori! So, the secret was given away.

Every year, when the leaves are young and tender on the mulberry tree, the grateful Chinese have a holiday in honor of Queen Si-Ling-Chi, and all day they are gay and happy in remembrance of the Queen who first discovered the silkworm.

Then Spreading Her Wings She Floated From the Branch and Fluttered to the Queen's Hand.

Purple Poppies

ALONG, long time ago, and this is a true story, my dears, a bed of purple poppies bloomed in a garden on the hillside.

Many other flowers grew close by, but only the poppies were allowed in that particular spot. If, by any chance, a seed found its way there and took up even the tiniest corner, it was promptly transferred to some other place.

"Here, you runaway posy," the master would say, "get back where you belong! Purple poppies, and only purple poppies shall grow in this bed." And only purple poppies did grow there.

Of course, the breezes, as they capered around the garden, would sometimes pick up a fistful of all kinds of seeds and scatter them here and there. Or the wind would swoop along and carry them far and wide, so a few of them were bound to fall among the poppies.

But as sure as they began to grow and stretch out and cry, "Here! Give us room, we're too crowded," they were somehow elbowed out, for it seemed that even the bees hummed, "Purple poppies, and only purple poppies, shall grow in this bed."

Young Master John taught his dog from puppyhood never to chase through the poppies, or even to set his foot on the bed. "This is no playground for us, Greatpaws," he would say, patting the dog's shaggy head, "we'll leave it to the bees and the butterflies." So the two playmates always walked carefully around it.

The poppies grew and grew and they bloomed and bloomed—great round purple balls whose color would have graced the royal mantle of a queen. The late afternoon sunlight seemed to linger there as if loath to say good-night, and the rains touched them ever so gently.

One day a man came with his camera and took a picture of them in all their gracious beauty. I shall name it, "Where the Purple Poppies Grow," he said, and soon their fame spread throughout the valley. People came from far and wide to see them, and their seed became very precious.

That summer a drought struck the country. The hills and the gardens were parched and withered, and everything dried up and died before the rains came—the purple poppies among the rest.

The master sorrowfully pulled up the dead plants, then he spaded the ground, raked it carefully, and planted it with grass seed. It soon became a part of the lawn, and all that was left of the purple glory on the hillside was a picture on the master's desk.

Years passed, and the master was succeeded in the house and the garden by his son, the same little boy who had taught his dog that the poppy-bed was a forbidden playground.

One day as he walked down the stretch of velvety lawn on the sunny slope, he stopped and looked over the ground.

"This would be the very spot to try out my white strawberry plants," he said to himself. "They are rather particular where they grow, and here they should get just the proper amount of sun."

So he spaded up the sod and he raked it until it was nice and fine; then he set out his strawberry plants. They began to grow at once, but something else started to grow, too, something little and fine and fuzzy that covered the ground like a carpet.

"Get out of here, you strawberries," they seemed to say. "We are too crowded. We need room to spread!"

At first the master was puzzled, for here were thousands of seeds coming up where none had been planted. But out of curiosity he let them grow, and one day he shouted so loud down in the garden that the mistress came running to see what was the matter.

"Purple poppies!" he cried joyously. "After all these years—Father's purple poppies!"

And there they had lain all that time—like little gentle deeds and tender words, perhaps, that never really die—waiting, waiting for their chance to spring into life and go on with their beautful work.

"The strawberries will have to go to some other place," the master said quietly. "Purple poppies, and only purple poppies, shall grow in this bed."

Good Games

Good Games for Boys and Girls, by Jean H. Fretwell. (Rand, McNally Company, Chicago. $2.)

This is a very fine book of its kind, and is so simply written that it is usable. The children themselves will be able to read the book and use it, and for that reason it will prove a veritable gold mine for children from 7 to 12 years of age. Many games are listed and described with illustrations, and the situations in which they can best be played are also given—the back yard, the play street, the country, the train, or the automobile, etc. There is a thread of story running through the book, and interesting illustrations in black and white.

Playmates

This morning the sun and I had a race
Which first could show a smiling face;
I ran through the orchard, fast as I could;
He was peeping over the wood;
The farther I went, the higher climbed he,
Till his jolly face hung in the chestnut tree.

JEAN CROSSE HANSEN.

Child Artists of Long Ago

IT IS so easy to get plenty of paper and pencils now that we do not realize how hard it was for some of our greatest artists to find materials enough to use for their work when they first begin.

Sir Joshua Reynolds, who is noted especially for his beautiful paintings of children, wanted very much to draw even when he was a little boy, but he had no paper to use. His father could not afford to buy paper and drawing materials for either little Joshua or for any of the six children of the family, who all wanted to paint. Joshua drew pictures on the sides of his arithmetic papers at school, but these only got him into trouble with the teacher. Finally his father showed the children how to use burned sticks for pencils, and gave them permission to draw all they wanted to on the whitewashed walls of an old building.

Joshua was about 11 years old when he was sitting in church one Sunday looking up at the minister, and he had a bright idea. He became eager to see if he could draw a picture of the man's face. He had a pencil in his pocket, but no paper. Joshua could not find anything else to use so he drew the minister's picture on his thumb nail.

As soon as he could get away that afternoon he went down to the banks of the river near his home to see if he could find anything to use to make a larger and more lasting picture. After hunting around for awhile he found a ragged piece of cloth that was part of an old sail, and luckily there was some boat paint left in a can. Joshua painted the minister's picture on the cloth, using his thumb-nail sketch for a copy. The picture was so lifelike that it was very much admired by the neighborhood and it helped to convince his father that he should study to be an artist.

Other artists have started on their lifework by drawing pictures on a slate, by tracing outlines in wet sand, and by using a burnt stick to draw on pieces of firewood. One boy, who later became famous, begged his mother to save all the paper bags that came into the house. After he had carefully cut, unfolded, and pressed the bags, he used them for his drawings.

In the days of long ago children could not go to a store on the next corner, or telephone to the city for supplies of various kinds of paper, or for chalk, colored pencils, and paints. There were not many stores then, and drawing materials were very expensive. The telephone had not been invented.

Sometimes a boy or a girl had to save carefully for many weeks, and then wait still longer until someone was going to make the trip to the nearest town before being able to get the materials needed for drawing and painting. There was usually a way, however, if one was determined to draw, and some of the finest pictures in the world have been painted by artists who began by using anything they could find, even if it was only a thumb nail.

King of the Ponies

Moorland Mousie, by Golden Gorse. Illustrated. Charles Scribner's Sons, New York. $3.

Boys and girls looking for a good horse story will be overjoyed to learn of "Moorland Mousie," king of the ponies. He lived at Exmoor in England, and tells his own story after the manner of "Star, an Indian Pony," by Forestine Hooker, and "Black Beauty" by Anna Sewell. There have been few good horse stories in contrast to the many excellent dog stories—perhaps, because a dog is a pal, while the horse is not so commonly owned, and its size makes it less of a companion. Those who take the trouble to know horses have a great love for them, however.

"Moorland Mousie" gives illuminating glimpses of English life and scenery, and a wise and sympathetic understanding of horse life. For that reason, even grown-ups will enjoy the book because of its interesting atmosphere and charming style. Boys and girls will yield joyfully to the story of the king of the ponies.

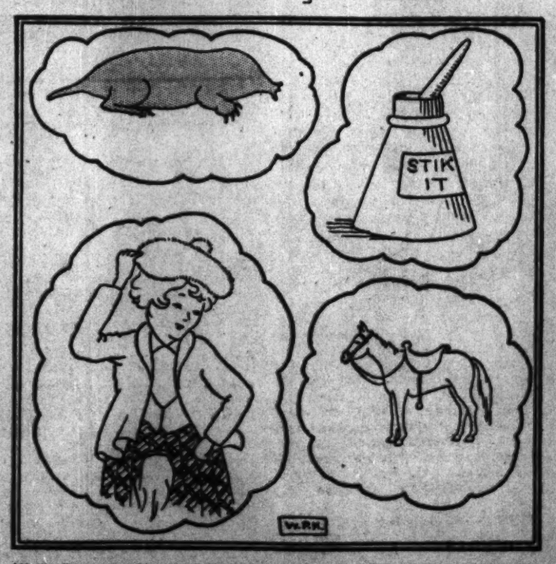
Moorland Mousie talks of his early life on the moors, and the reader can almost feel the wind blowing in his face and smell the gorse. Stories like this bring the reader very close to life in other countries, and make one feel the "touch of nature that makes the whole world kin."

Key to Puzzle

Answer to Block Puzzle published Oct. 13:

A man of words
And not of deeds
Is like a garden
Full of weeds.

Letter Change Puzzle



Write Down the Name of Each of the Objects Pictured Above. You May Then Change One Letter in Each Name. If You Change to the Right Letter in Each Word You Will Discover a Familiar Maxim.

The Hidden Octave

A True Story

FROM the moment he opened his big hazel eyes until he closed them, or so it seemed to those around him, the little boy was singing. He sang as he dressed; he sang as he washed; he sang as he brushed and combed his hair—he sometimes forgot and began to sing at the table!

All the way to school he was usually singing: happy little kindergarten songs and others he had learned at home from Daddy, or Mother, or his very own victrola.

He little knew how many people on the way to school listened, of a morning for that lilting little song. He little knew that he sometimes brightened others thoughts as he passed with his happy face and his sunny smile and his sweet song. For he sang as a little wren sings; because it bubbled up and out of him. "Like Pippa," Mother would think, and one day she told him about Pippa, and taught him that little song, too.

But one day the little boy wasn't singing—his eyes were clouded with a very wishful look, and he was saying wistfully:

"Oh, Mother, I want to make songs with my fingers, too. I want to make songs, not just listen to them. The victrola makes them FOR me. You said as soon as we got settled in California we should have a piano—"

"I know, dear," said Mother gently, "but we had to use that money for something else. I know you should have a way to express the 'music in your fingers,' as you call it. But you can sing and make others happy by your singing. When we have a gift, we must take great care of it and not use it ungratefully. Sing your very best, wherever you are—"

"But I want to MAKE music, too—" repeated Seeley. "I'm tired of pretending all the time with my paper piano. I want to MAKE Do Re Me and the other notes—"

"What can we do?" thought Mother, as she went on drying the dishes. As she set a second glass beside the first one, there was a tinkle—and—

"Why, of course!" said Mother, with shining eyes. "Why ever didn't we think of that before?"

"Think of what, Mother?"

"Just wait and see, dear." The shining look came into Seeley's eyes, too, for he knew Mother had "found a way."

Soon eight tumblers were in a row on the edge of the table. Pouring a little water into one, then a little more into the next, and so on up the row. Mother set down the pitcher. Then she picked up a silver spoon and handed it to Seeley.

"Strike the glasses gently, Son, one after the other. We may have to add or take out water in some of the glasses."

"Do," sang the first glass. "Re," sang the second. And a tiny bit more water in the third brought out "Me" from the third. Oh, wasn't Seeley happy! He could make music with his fingers, and he did, tapping and tapping until he could pick out little tunes on the octave which had been hidden in common drinking glasses.

The Mail Bag

Stonehouse, Glos., England

My dear Mr. Scroggins,

I feel sure you would like to hear from a fellow writer in The Christian Science Monitor of his adventures with others of your family in this country.

John Burroughs once told a lady, who complained of the lack of birds in her garden, that she must have birds in her heart before she could see them in her garden. And so it is with squirrels, Mr. Scroggins.

This summer I went to stay at Bournemouth, a town buried in pine woods, and abounding in squirrels. I had hardly ever seen a squirrel, but thanks to you, Mr. Scroggins, I went there with squirrels in my heart; and I happened to stay in a home where two squirrels lived in a pine tree in the garden. But these squirrels were rather aristocratic, and never called at the house—until I got there. Before I had been many days in Bournemouth, a squirrel (I don't know his name because he did not leave a card) called on me at breakfast and ate nuts out of my hand; and after a while, he would climb right up to our knees and sit there to inspect our choice of nuts before lolloping off to bury the same. Mrs. Squirrel came, too, in the end, but always kept a discreet distance.

Now the most remarkable thing of all, Mr. Scroggins, was that on my return to Gloucestershire, where squirrels are rare, one visited our very own garden.

Will you please give my very best wishes to Levi and John Broom and Chickaree, and to your wife, and indeed to Snubs and Waddles also.

George F. T.

Iona Island, New York

Dear Editor:

I am very glad Mother orders the Monitor, as it is a great help to me in history, compositions, and quotation writing.

When we first came to the United States from Cardiff, South Wales, I did not like it over here and longed to be back, but now I don't think I would like to go back as I have made new friends and we have a lot of animals. I have a dog named Rover, who is part brindle bull, and I wouldn't part with him for anything. We also have 37 chickens and a cat who is pure white.

I like school and want to become a school-teacher. I would like to receive a letter from the Old World or any other part of the world. I am 10. Now I must tell you a true story about my dog Rover.

One day my little friends, Jeanne, 7, Joseph, 5, and Doris, 4, went for a walk in the woods and Rover followed them as usual. They walked for about an hour, when Jeanne said, "I wish Nina was here because I don't know the way out." They got frightened when Jeanne said this and began to cry and scream. Suddenly Joe said, "Let's follow Rover." So they did and they arrived home safely. I will have to close now, with much love.

Nina T.

Gordon, N. S. W., Australia

Dear Editor:

My mother is typing this letter for me, as I am only six years old.

I would like someone in America to send me a letter. I collect stamps and I just got a new album last night. I have stamps from 35 different countries. I go to Sunday School at Chatswood.

We have some big workeries down the garden where we may dig whatever we like. I am making a place for my toy train to run. We had a holiday up at Silverdale in the Blue Mountains, and there were horses to ride on. We have a lot of fruit trees in our grounds, bananas, peaches, passion fruit, figs, guavas, oranges, and lemons.

John S. H.

Lancaster, California

Dear Editor:

This is my first letter to the Mail Bag. We get the Monitor daily. I am ten years of age and go to the Roosevelt School near Lancaster, California. In the school we have 154 children. I am in the fifth grade. My hobbies are reading, art, spelling and geography.

I would like to correspond with children from Germany, India, France and foreign countries. I like Waddles and Snubs. I have been going to the Christian Science Sunday School ever since it was time to begin. I will write an interesting letter and tell about what we have on the ranch.

Jack Robinson K.

Auckland, New Zealand

Dear Editor:

Thank you for letters received from England and America, but I have not had any letters from Africa yet. I still enjoy the Mail Bag very much and it is also helping me with my geography. I very much enjoyed the stories called "Milly-Molly-Mandy," "Jack and Jill Go Scouting" and also the "Little Red House" and "Little Cat." In fact, I enjoy everything on the Children's Page.

Mamie M.

Answering Letters

1. Letters to Mail Bag correspondents should be inclosed in an envelope stamped and partially addressed, and mailed to the Editor of the Mail Bag, The Christian Science Monitor, Boston, Mass. The Editor will see that the addresses are completed and that the letters are forwarded to their destination. A little note giving the name and address of the sender should also be inclosed.

2. The postage rate is 2 cents within the United States and to Great Britain, Canada, New Zealand and most South American countries; 3 cents to most other countries. (2 cents equal 1 penny, British.)

3. If you are writing from outside the United States inclose stamps of your own country, but do not attach them to the envelope. These can be exchanged for American stamps here.

Performing Mice

Has anyone ever seen performing mice in America? Probably not. Yet there have been men in China who made their living by exhibiting mice which were trained to do certain special things, even to act like puppets in a Punch-and-Judy show.

P'u Sung-ling, a famous Chinese story-teller, includes in a collection of his tales a story about these trained mice.

A man of Ch'ang-an, it seems, kept about 10 of the little animals in a pouch on his back. Whenever enough people had gathered around him to form an audience, he would erect on his back a small structure resembling a stage. Then he would beat a drum and sing, whereupon the mice would issue forth and, after crawling up the gentleman's back, would perform their various tricks.

These mice were better trained than the monkeys usually seen in America today, for, as the Chinese story-teller relates upon good authority, the mice often donned little costumes and, erect upon their hind legs, would go through the motions in a well-regulated attempt to portray the emotions usually shown in a puppet show, and with no less success than that attained by puppets such as the Punch and Judy of modern times.

The Chinese who stood around as spectators were supposed to pay a small fee for the privilege of watching the mice perform, just as we give the trained monkey a coin for the privilege of observing his antics.

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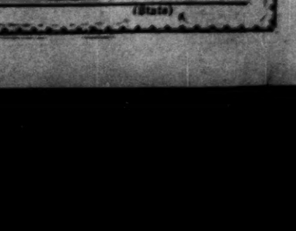

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THE HOME FORUM

Where None Obtrudes

TO SEEK solitude only for the sake of being away from one's fellows is to lose one of its sweetest virtues. Only he who truly loves and understands the art of companioning with his fellow beings can truly enjoy his moment of solitude. And yet who is there that does not at some time find himself longing deeply to be alone with his thoughts, alone where there is nothing to hamper or to check their free flow. Who is there that, though he be in the pleasantest of company, does not at times grow weary of fitting his thought to the pattern of conversation; who does not long to be his own silent listener, to indulge in those thoughts for which he finds words inadequate.

I dearly love to be with my friends and find the greatest pleasure in our associations, and the keenest enjoyment in making contacts with those whose lives and adventures and accomplishments touch and at times transcend my own. I like the old and the young, the rich and the poor, the neighbors near at hand and those from far countries. I like children and dogs and I always hope that children and dogs like me, for I consider their confidence a sincere tribute. In other words, I like companionship and do not often seek to be alone. But there are days when I want to be alone, to think long, long thoughts, which I cannot share with anyone.

On one such day, when I was thinking how pleasant it would be to be all by myself, I suddenly realized that there was nothing in the whole, wide, sunny world to stay me from making exactly the sort of a day that I desired. There were no uncompleted stories requiring just the work of that day to finish them at a promised date, as stories so often do. There were no letters to be written on pain of seeming guilty of neglecting good friends. There was none of that stern master, business, for it was Sunday; there were no errands, duties, nor obligations to rebuke me. I was free and there was nothing more important than my wish to be alone. Oh, rare and ideal day!

Now solitude, more than any other state, requires the right background to make it the beautiful thing it ought to be. Not always is the background a matter merely of location, for I have seen a beautiful solitude in the most unpromising setting. But there must be something true and big and sincere in the background to make the happy combination. For solitude that is not happy, and is not voluntarily chosen, is that sad mischance, loneliness. And loneliness was the last thing I was seeking on that beautiful golden day.

Loneliness, I am sorry to say, I have felt most often when I have been in the company of others. It comes upon me if I chance to find those who do not rhyme in with my own pattern of living, who do not find in me, nor bring to me an inspiration, a newness of vision, whose interpretation of my being is not constructive, or who neither give me nor take from me a worthy token of our meeting. But this day there would be no one to make me lonely. I should be alone with those thoughts which I had been wishing to know better for some time.

Where should I go with my solitude that I might enjoy its sweetness to the full? Out of doors, to be sure, on such a day, but where should I find in nature the complement to my mood that should make us a united trio, nature, solitude, and me?

At that moment, a breeze, coming in playfully through the window, scattered the papers on my desk, as if to say, "Well, let's be at it!"

It was a fresh, clean breeze, it smelled of the showers of the night before, whose bright drops still glistened on the leaves of a tree outside my window. It smelled of the roses in my garden, and it smelled of the sea.

That answered my question. I recollected the lines of Byron,

"There is society where none obtrudes,
By the deep sea."

Instantly there came to memory a picture of great golden rocks washed by the singing sea; near by was a hedge, heavy with roses; I must be off!

* * *

All day I sat by the sea, in the shade of the great rocks, and all day long I let my thoughts wander untethered and free, here, there and everywhere, thinking of big things, of little things and of nothing at all, for there were long moments when I seemed to be thinking of nothing, just quietly looking out to the long gray horizon. There were many little white-sailed pleasure-boats on the calm blue water. They seemed not to be going anywhere in particular, just drifting, as my thoughts were drifting.

A merry little breeze, sister to the one that had come into my window with a message from the sea, was blowing some of them far, far out, until their miniature triangular sails were sharp white dabs on that vague distance, where the gray-blue water blends with the blue-gray sky.

I lazily watched the tide rise, playing a game with myself. I chose a high, dry stone and then watched the water advance, little by little, at first only sending a few splashes from its highest waves, but creeping up and creeping up until it was at last entirely flooding the stone and covering it. I tried to count the waves to see if I could tell which was that seventh wave which is said to be the largest of them all, but I always lost count, it was so pleasant to watch the boats.

A few gray gulls skimmed lightly in the air, their wings like silver in the sun. They drifted to the near-by rocks and did not see me, I sat so quietly. Their plaintive cry was the only sound save the steady wash of the sea.

Then I found a comfortable nook in the rocks and slept and woke. I opened my eyes on the quiet, cloudless sky. The hedge roses were sweet on the balmy air. I closed my eyes again and listened to the sea. What a day, what a world! How sweet it would have been if by some magic power I had been able to reach out and bring a friend into the beauty of it all, and still have the peace of solitude.

* * *

Almost before I realized it the shadows had lengthened, and my day had proportionately shortened. It was nearly time to go home. "Home," I lingered a moment on the word. How pleasant home would seem after having been away so long. Then I wondered how long it had been. I did not trouble to look at my watch, for I knew that it had been a long, long time, much longer than my watch could tell.

E. G.

Nature's Building Through Many Years

IN PREHISTORIC days when the peninsula of Florida was the top of a submerged mountain range, the water was shallow over the southern end. The warm waters of the Gulf Stream sweeping past brought a vast quantity of shellfish and washed the shells upon this ridge. The little corals got to work among these and thus was built up a limestone rock formation of exceptional beauty which has many unusual uses and is unlike any other rock known, so geologists say.

This process of land building is still going on, but it is so slow that a man in a lifetime can see no growth. Throughout the ages this rock has been deposited over Florida. It underlies all that vast area known as the Everglades, over which a rich muck soil has been deposited in spots, but even here a very little digging reveals the solid rock.

As the waves of the sea washed the shells upon the border of the ridge, they piled up high above the tide line. This process gradually built up a wall which now varies in height from a few inches to over twenty feet and in some places it is ten miles wide.

At the southern edge of the city of Miami the wall is high on the shores of Biscayne Bay. Early residents here recognized the value of building their houses on the rock and this part of the ridge is lined with lovely old estates rich in tropical beauty, commanding an extensive view out to sea.

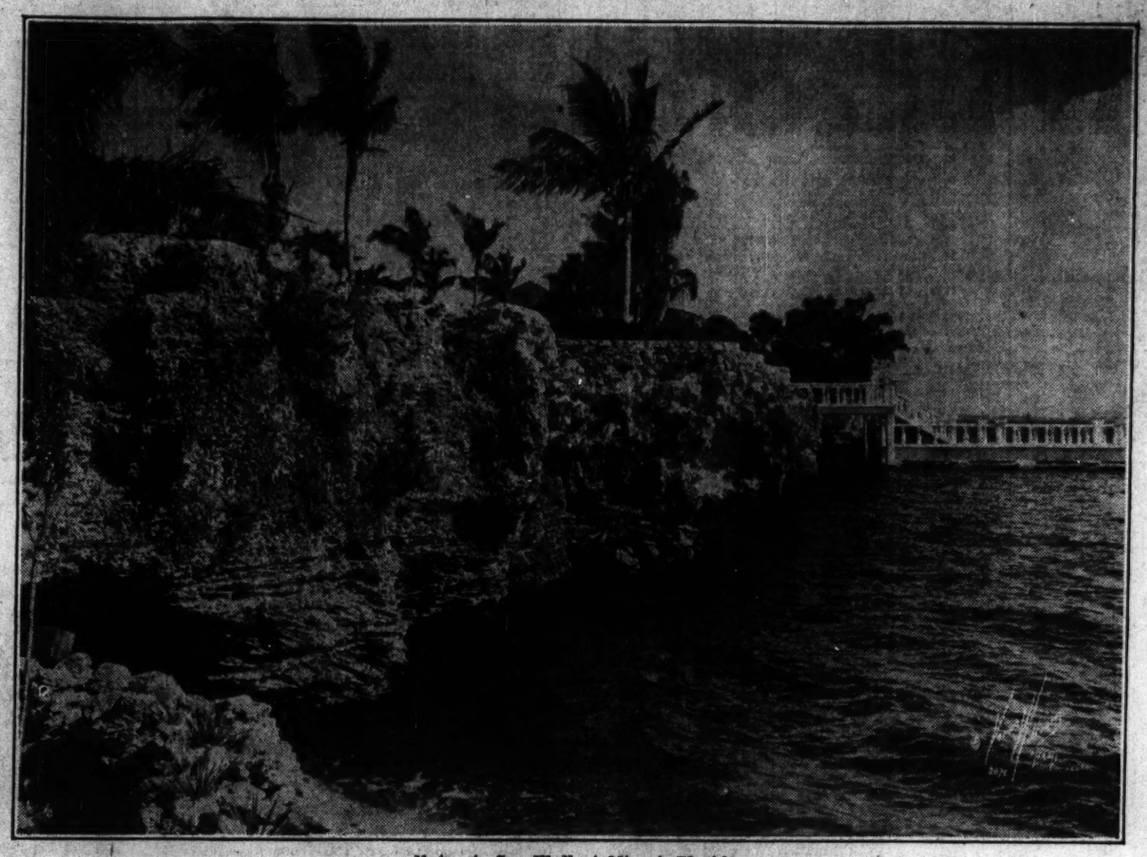
Although this sea wall acts as a protection against high tides and storm waves, it has still greater uses to the people who live upon it. When cut into blocks the shell limestone makes a beautiful building stone. It is of a warm creamy shade, and being porous, it has an effect of fine designs woven over the surface. More and more it is being used in the ornamentations and façades of buildings. When first quarried the rock is easily cut. But exposure to the air hardens it to a flint-like consistency. This makes it valuable for concrete construction, and many miles of fine motor roads in southern Florida are made from the native rock.

Probably the thing which most surprises strangers, is to see trees and gardens being planted in this solid rock. To plant the trees in the rock, it is necessary to blast with dynamite, holes large enough for the roots to be set in. The porous strata permits the roots to expand, at the same time holding moisture but allowing surplus water to drain off. The lime content furnishes a very necessary element for oranges, grapefruit, lemons, limes, mangoes and avocados, all of which thrive in this peculiar shell deposit.

When gardens are to be planted on this ridge, the rocky bed is pulverized by machines built for that purpose. Then it becomes a very satisfactory soil for the growing of vegetables.

Experiments are constantly being made in the use of Florida rock, and it is said that its value is as yet only slightly realized.

Early Spanish explorers built a fortress at St. Augustine which still stands as a colossal monument to themselves. It is built of coquina rock, one of the varieties of Florida shell rock, and today after centuries have passed, stands firm and enduring, solid as the day it was built, one great example of the enduring qualities of Florida shell rock.



Nature's Sea Wall at Miami, Florida

Youth

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

"REJOICE, O young man, in thy youth," exclaimed the Preacher; and well may youth do so, for it stands at the threshold of opportunity. The victories or defeats of youth account for much of the bliss or suffering of later days, and no religion offers it as much aid and satisfaction as Christian Science.

In many of the combats between different peoples mentioned in the Old Testament it seemed as if the extermination of the young men of the opposing tribe was especially sought. By the removal of the young men an enemy was considered crippled at least for a generation or more. Again, today, there falls on the shoulders of the young a measure of responsibility to the generations both above and below them in age. They should, therefore, prepare themselves to be in the vanguard of civilization; and by doing this they are, in fact, working out their own salvation.

At twelve years of age Christ Jesus announced that he was about his Father's business; and he began his great ministry of healing and teaching on this earth when about thirty years of age. Joseph, the three Jews who were cast into the fiery furnace, David, and Paul, as well as Timothy and others, performed high services to humanity when, according to the Scriptures, they were young men. Thus has been proved the truth of God's revelation to Joel that when His spirit is poured upon the flesh, or when the fleshly sense disappears, the "young men shall see visions."

As always since the days of Adam, so now the chief enemy of youth is sinful thinking. John was one of the most blameless of Christ Jesus' disciples, and his grasp of the divinity of purity led him to address himself, in his first epistle, to young men in these terms: "I have written unto you, young men, because ye are strong, . . . and ye have overcome the wicked one." He knew the peace that comes with such overcoming, and he plumbed the depths of the young man's most inward desire to reflect purity. He knew his fight, and realised that no one can escape temptation; hence the encouragement.

Christian Science offers the same counsel in this age and, moreover, provides youth with a sure defense against sin. With Christian Science behind one a victory is a marvelously uplifting experience. Against Christian Science the wicked one, or evil, can never prevail, and in this lies the young man's and young woman's hope and confidence. The youth who is familiar with Christian Science should neither run away from temptation because afraid of it, nor yet ever court it. Mary Baker Eddy, who gave this precious saving Science to the world, tells in the textbook, "Science and Health with Key to the Scriptures," how to face temptation courageously, and the essence of her teaching is that because God is good and made all, He never made sin. Therefore sin does not exist, but is a lie or illusion. Meeting the wicked one firmly with such an argument drives it away.

The attitude of Christian Science to the young in difficulties is precisely that of the father to the prodigal son in Jesus' parable. It says to each: Son, your spiritual heritage was never lost and is awaiting you when you return to the Father's house. Come back whenever you want to, for I am not troubled. I know you will return and claim your heritage when you find the flesh gives you nothing. Christian Science aids the youth who is struggling with error by separating sin from man, destroying it by revealing its utter nothingness as a lie about the real man, whose spiritual state is changeless and perfect.

Mrs. Eddy finds in so-called defeats valuable lessons. She writes in "Miscellaneous Writings" (p. 201): "We protect our dwellings more securely after a robbery, and our jewels have been stolen; so, after losing those jewels of character,—temperance, virtue, and truth,—the young man is awakened to bar his door against further robberies." The prodigal son would have been wiser not to have left home, but, this having been done, a rich moment came to him when he returned and found that his opportunity of being an obedient son had never been lost. Nor had the privileges of this sonship ever been taken away.

There is joy indeed for those of youthful years who place their reliance on the power of Christian Science. When pride and false appetites have begun to disappear, they understand with true humility how Paul could write to Timothy to let no man despise his youth.

Visiting Zuloaga

From the moment of arrival at the home of the master, we enjoyed the warmth of a real Spanish welcome. In the enchantment of his beautiful estate, with its wide stretch of beach and promenade under the stately silhouetted cliffs, it seemed a fitting retreat for the master artist of Spain.

Inside and out of the house was an atmosphere of art and the feeling of a Basque home. Zuloaga could never be lonesome with his El Greco and companion masterpieces. A cheering blaze in the fireplace of the living room suggested how universal is the ideal of a hearthstone as the central motif in planning a home. The artist jocularly welcomed us in his own native Basque language, spoken by few. . . . Finally he called for the etchings which Buddy Basque, the coming master-etcher, student, and successor to Joseph Pennell, had already made in Spain. "Don't lie with your lines," commented Ignacio Zuloaga. "In making an etching, make your lines true. Reproduce the subject, whether it be Alfonso or one of our beloved ancient towers, with lines of solidity and character. Leave out all messy, unnecessary scratches. Yes, I used to make many drypoints long ago and know the patience and effort it takes."

Sitting on a couch decked with embroidered shawls in the great master's private studio, Buddy was receiving criticism and instruction on a series of Spanish etchings which had taken him a year to complete. In an old arm chair of carved wood before us sat one of the great living masters, Zuloaga, with a crayon in one hand and two of Buddy's etchings in his lap. . . .

A long process of thoughtful preparation precedes the actual work which Zuloaga lavishes upon each of his compositions. He ponders deeply every detail, and when his mental pattern is clear, he attacks his big canvas with confidence and assurance. When the bold outlines in charcoal are completed, he applies the pigment with a firm resolute hand in a method reasoned and decisive, leaving nothing to chance. There are no surprises—no accidents—fortunate or otherwise.

Traveling about his own native country to study types and scenes, he does not carry with him a kit with brushes and tubes; there is no easel or canvas in sight. In a small notebook is transcribed in free, legible script the suggestions which he afterwards transmits into line, form and color. These written notation sketches merely serve to recall impressions that might otherwise become foggy or entirely effaced.

With a dreamy look in his face he sat in a Fourteenth Century chair and looked into the fire. "I have just purchased a magnificent castle for my studio, one tower of which soars three hundred feet into the sky." He gave a vivid description of this old fortified castle near Madrid, with its picturesque drawbridge and moat. This stimulated the imagination of the young American etcher, still in search of his castle in Spain, where stories of romance and heroism might be told by rugged stones of old ruins.

"What a wonderful subject for an etching!" Buddy whispered. I nodded, and he frankly inquired, "May I visit your new place? I'd rather like to make an etching." The budding artist was thrilled at the prospect of carrying back to America a first hand etching of the Basque master's castle studio made in foreign copper.

"No, no, no!" he exclaimed, patting Buddy on the arm. "I have too many visitors here in Zumaya, consequently I have selected this castle as a safe retreat from distractions. I've told no one of its whereabouts—in fact, it takes two days' donkey ride over wearisome, untraveled roads to reach the drawbridge."

With an admiring look at the young man, whose face reflected disappointment, he turned once more to the prints of Spanish scenes.—JOE MITCHELL CHAPPLE, in "Vivid Spain."

The Squirrel's Call

The Wanderer had writing which must be done; but it was a day of glorious sunshine, cloudless sky, summer warmth, and the notion of a roof over one's head was intolerable. So he made rather a bulky package of his papers, and went into Kensington Gardens. He found a green armchair pleasantly shaded by a wide chestnut tree, and there he sat and began to think very hard. It was then that the gray squirrel arrived upon the scene and wanted to play with him. He tried to attract the Wanderer's attention (though he pretended it was nothing to do with his antics) by leaping with long, swift bounds, first shyly behind his back, and then much more boldly before his face. Of course, the Wanderer saw him at once, but alas, he had forgotten to bring with him the nuts which would have cemented their friendship.

The squirrel began to search under the tree, his whole attitude eloquently announcing, "Do not think I am watching you. Go on with your work. I myself am busy, very busy." And so he was for a few minutes. Then he paused, and sat up facing the Wanderer; his little paws hanging down, as much as to say, "Even we busy people must rest a moment, and think things over!" The Wanderer agreed with him, though without putting it into words. Presently a sound attracted Mr. Squirrel's attention. He looked round, clasping his small hands over his white waistcoat, and remained in deep thought. Was it a sound which concerned him, one to which heed must be given, or was it not? It was not. Squirrel set to work again. The Wanderer could not tell what it was that his little friend was looking for; but whatever it was he was most painstaking and thorough in his search. Then another pause with hands clasped across his slender shape. It was as though he was finding work rather difficult on such a lovely morning. He seemed to ponder, and even scratched himself, though in a most refined manner.

Having thus far unbent, he assumed that a tacit and understanding friendship existed between him and the quiet person who sat writing. So he began to race up and down in front of him, like a merry child showing off a little his quickness, his agile grace and confidence. Then another short circular tour round the Wanderer, and up on the chair once more, with renewed flirting of his tail; rising on his hind legs, clasping his tiny hands, and setting his small head on one side, whilst with fresh interest he watched to see what this man was holding in his hand. It was dark, hard and polished, and yet he did not throw it for little paws to seize. Thus he cajoled the Wanderer for nuts, but what could the regretful man do, having none; only sit and smile at the antics of his furry friend. At length, perhaps squirrel must have felt it was his dinner time; and "If you have not nuts for me, friend," said he, "I go to seek some!" And so with a whisk of his tail to bid good-by he sprang from the chair and bounded away into the distance.

"I must remember the nuts next time," said the Wanderer, and addressed himself anew to his writing.

Frost in the Night

Last night before the third cock crew
Began to marshal on the broad highway,
From garden nook and field they came for hours
And formed their ranks in colorful array;
Till just before the dawn blushed in the East
That sprightly host in gorgeous pageantry
Took up its march, unseen by man or beast,
Southward to warmer wind and sunnier sky.

And all that we could find at break of day
Were bivouacs untenanted and lorn,
And tattered tags of their pavilions gay,
But as we were about to grieve and mourn
And turned as if to follow in their track,
We heard the words, wind-borne, "We will come back!"

CHARLES GRENVILLE WILSON.

My Rug

My little rug from old Nippon
Lies on the white-tile bathroom floor,
A sentient thing of cheeriness,
In colors like the Koh-i-noor!

The reds and greens gay geisha-girls
Wore as they wove their graceful turns;
The blacks and browns old withered priests
Robed in before gold lotus urns.

And here, this bit of bright cerise,
And this, a faded one of blue,
Brown mothers slung their babies in,
At work in fields the long day through.

The borders of my little rug
Are set with showy leaves and flowers;
You almost catch the tuberose scent
That rises after island showers.

Now when your rosy, baby feet
Drip on my rug just after dawn,
The Orient colors glow again—
For blossom-time in old Nippon!

FRANCES HOLBROOK PFEIFFER.

Chanticleer

The morning song of the cock is a sound unique in nature, and of all natural sounds it is the most universal. "All climates agree with brave Chanticleer. He is more indigenous even than the natives." . . .

All men all the world over, wake at morn to the "peaceful crowing of the cock," just as the Athenians woke of old, and the nations older still. It is not, therefore, strange that this song has more associations for man than any other sound in nature. But, apart from any adventitious claims to our attention, the sound possesses intrinsic merits and pleases for its own sake. In our other domestic birds we have, with regard to this point, been unfortunate. We have the gobbling of turkeys, and the hoarse, monotonous come back of the guinea-fowl, screaming of peacock and geese, and quacking, hissing, and rasping of mallard and muscovy. Above all these sounds the ringing, lusty, triumphant call of Chanticleer, as the far-reaching toll of the bell-bird sounds above the screaming and chattering of parrots and toucans in the Brazilian forest. A fine sound, which in spite of many changes of climate and long centuries of domestication still preserves that forest-born character of wildness, which gives so great a charm to the language of many woodland gallinaceous birds. . . .

It was very dark and quiet when I woke; my window was open, with only a lace curtain before it to separate me from the open air. Presently the profound silence was broken. From a distance of fifty or sixty yards away on the left hand came the crow of a cock, soon answered by another further away on the same side, and then, further away still, by a third. Other voices took up the challenge on the right, some near, some far, until it seemed that there was scarcely a house in the neighborhood at which Chanticleer was not a dweller. There was no other sound. Not for another hour would the sparrows burst out in a chorus of chirruping notes, lengthened or shortened at will, variously inflected, and with a ringing musical sound in some of them, which makes one wonder why this bird, so high in the scale of nature, has never acquired a set song for itself. For there is music in him, and when confined with a singing finch he will sometimes learn its song. Then the robins, then the tits, then the starlings, gurgling, jarring, clicking, whistling, chattering. Then the pigeons cooing soothingly on the roof and window-ledges, taking flight from time to time with sudden, sharp flap, flap, followed by a long, silken sound made by the wings in gliding.

At four the cocks had it all to themselves; and, without counting the cockerels (not yet out of school), I could distinctly hear a dozen birds; that is to say, they were near enough for me to listen to their music critically. The variety of sounds they emitted was very great, and, if cocks were selected for their vocal qualities, would have shown an astonishing difference in the musical tastes of their owners. A dozen dogs of as many different breeds, ranging from the boarhound to the toy terrier, would not have shown greater dissimilarity in their forms than did these cocks in their voices.—W. H. HUDSON, in "Birds in Town and Village."

On the Heath

Here are pools of purple hue—
Rosy, singing heather;
Here a patch of deeper blue,
Where bluebells nod together!

Busy bees hum with the breeze,
Making music mellow!
To and fro among the bees,
Flit butterflies of yellow.

All have purpose in their work,
As they flit or hover.
Greed or gain can never lurk,
In serving one another!

There, upon the heath, they sang,
Bluebells, bees and heather;
All the tones of gladness rang,
Concordantly together!

ELSIE A. KOEFORD.

Tangier at Night

In the daytime there is much that is sordid and shabby in native Tangier. But on a moonlight night it takes on a cloak of romance and mystery that would stir the imagination of the most jaded of travelers. The houses are bathed in a soft lemon light, and across the pathway are thrown the shadows of little barred lattices. Above an archway through which the street passes, is a stained glass window, lighter from inside, which appears patterned in sapphires and diamonds. Here and there the little square shops, mere recesses in the wall, gleam faintly, their flickering candles and tiny lamps only dimly revealing the people within. Strange figures in fezes and djellabahs, and shrouded women looking as inanimate as mummies, flit silently by, their slippered feet making no noise on the cobbled roadway. By the blue-tiled doorway of a mosque whose minaret climbs high into the jeweled sky above, the bundle of rags sleeps peacefully.—L. E. BICKERSTAFFE, in "Things Seen in Morocco."

The Captain Comes Back

The Vagabond came upon him one day at sunset, an old sea captain, the lines on whose face were a saga. Years of ships, dories, wind, wave and fog had molded his features until they had become, what they were now, proud and calm, and in his eyes the salt mists, a last Viking taking leave of the sea.

He stood upon the narrow tarred jetty watching the changes in the sky, and they were well worth watching. The sea was a clear jade green and the sky, where it met the water, the red of a humming-bird's throat.

The Vagabond was not aware that the Captain (he had already named him that in secret) had noted his approach until without a movement of his head the seaman said:

"It'll be fair tomorrow, mite of an easterly, mebby."

"'Red sky at night
Sailor's delight'"—

said the Vagabond.

"Be'n to sea nigh on to sixty years an' never seen it fail yet. Ah, but shippin' ain't what it once was. Never could get use' to steam. Stout canvas an' God's four winds should 'a' be'n good enough. These here gyro compasses an' wireless along with the other jiggers they have t'day only makes sailors soft. Went t' sea when I was fourteen, sailed as a cabin boy from Cape Cod in a fishin' smack. Winter time, too! Sailors don't make trips like that any more, I tell ye. The sea a hard mistress? Well, mebby some find it so. Seems to me as tho' folks make things hard or easy accordin' to the way they go. If what you're doin' is what you like most to do, its bein' hard don't matter. Seen a mite o' weather in my day. Be'n fer weeks in storms and calms, near to burnin' up in the sun, an' next day freezin' in the rain. Dunno as I ever thought much about it bein' hard, tho'. Allus found a heap of compensation in things; a rainbow with its blue an' yeller an' pink is worth endurin' most any storm, seems as tho'. Nothin' much I ever seen on land could ever equal a-sailin' into the settin' sun, its rays turnin' the sails all rosy.

"What's that? Seen a lot o' the world? I don't suppose sailors now would think I had, what with crossin' bein' only six, seven days, now. Spent most o' my sailin' in the Chiny trade. We had to go down around the Horn on them trips ste'd o' slippin' thro' a cement canal. A lot o' sights to be seen in Chiny. Spent a sight o' time lookin' at heathen temples. Guess I'll never forgit how Chiny looks when the cherry trees is bloomin'. Last trip I took was to Shanghai, sailed from 'Frisco. When I got back my sister wanted me to come and stay with her, said I'd be'n to sea long enough. No sailor's ever be'n to sea long enough, I guess. She lives inland,—Kansas,—mebby you know the place? It wasn't no good fer me, tho'. I found myself missin' the salty sweetness o' the wind an' the sound o' the spray. I kept rememberin' how the purple sweet peas growed 'round my dooryard. Funny how when you're away you remember little things about sumpin' you learned to love—like shakin' the sand from your shoes, come nighttime, an' the brown piles a-groanin' under the pier, an' the reedy mussels, an' the wrecked hulls upon the sand. A sea man can't get away from these, I guess. I'd wake up many a night rememberin' how my shanty use' to twist an' strain when the tide was a-turnin', an' a-hearin' the bell in the fog outside. So it seemed I couldn't get rid o' thinkin' o' ships an' shells an' anchors an' the way the sand lays in tiny reg'lar grooves when the tide goes out. Last week I packs my things an' comes back. I guess it ain't never any good to leave what ye be'n use' to—

"Ther's the fust star a-comin' out, kind o' purty, ain't it? Yer got to be goin' now? Yes, it's goin' to be yeller sun tomorrow, mite of an easterly, mebby. Did yer wish on the star? Ought to always make a wish on the evenin' star. Well, good night."

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STOCKS MOVE FORWARD IN A QUIET MARKET

Some Good Investment Buying Apparent—Gains by Leading Issues

NEW YORK (AP)—The blue Monday tradition was violated by a sweeping advance in share prices in today's stock market. Trading was in light volume, and the list moved forward as easily as it slipped backward last week.

The market closed strong, with numerous advances of 2 to 10 points. Total sales approximated 2,200,000 shares.

Profit-taking reduced several extreme advances in the last hour. U. S. Steel and American Telephone advanced four points, and American Can 5½, only to slip back about a point.

Allied Chemical and International Business Machines made extreme gains of about 10 and 11 points, respectively.

Buoyancy developed in foreign exchange rates, as well as stocks. The German mark displayed pronounced strength, and other leading European currencies stiffened markedly. The Spanish peseta responded to Government support measures with an advance of more than one-third of 1 cent.

Stock Market Precedence

Wall Street was encouraged by the fact that distress liquidation appeared to have been largely accomplished. An almost steady decline of about five weeks finds few precedents in stock market history, and the feeling has gained round in speculative circles that the bottom must have been about reached, at least temporarily.

One observer points out that the persistence of important liquidation after short-term money rates have been established at extremely low rates has occurred only once previously in the last three decades, namely, in 1914, when the outbreak of the World War completely clouded the speculative outlook.

The far-reaching nature of the present business recession has resulted in extreme pessimism, with political uncertainties abroad an aggravating factor, so the failure of extremists in the German Reichstag to upset the Government was decidedly helpful to Wall Street sentiment.

Business news and surveys appearing over the week-end were still mixed. Reports from steel and automotive centers in the main failed to provide much cheer, although some independent steel mills reported increases in bookings.

The midmonth survey of the Irving Trust Company stressed the fact that collections have improved in some cities for the first time in months.

An extensive survey of chain stores sales for September revealed the first increase since April, despite a further decline in commodity prices.

Colder weather appearing over the week-end was favorably regarded as an impetus to purchases of seasonal merchandise.

Call money remained unchanged at 2 per cent. The demand was light.

Bonds Irregular

Irregular price movements prevailed in the bond market.

Divergent trends of domestic issues reflected the mixed sentiment that has prevailed for several weeks. Foreign bonds displayed a firm tone generally, although a few Latin Americans were reactionary.

The principal offering of the day was a $15,000,000 note issue of the American Rolling Mill Company, carrying 4½ per cent interest and maturing in three years. In municipal bond circles, much interest was shown in bidding on the $75,000,000 4 per cent bond issue of the City of New York, which will be sold tomorrow.

Buying of foreign bonds which was brisk last week subsided, and small fractional movements on the upside were the rule. In a thin market, Argentine 6s, Bolivian 7s, Brazilian 8s and 6½s were soft.

Karlstadt Rudolph 6s were a strong feature of European issues. German municipals and industrials were firmer.

Chicago & Northwestern Railroad bonds were a weak spot in the carrier group, and all active issues of the company moved down sharply.

Second-grade rails were easy, but highest grade issues were fairly steady. Gains in the group were of the smaller proportions.

Utilities sold around their previous closing prices, and were very quiet. Oil company bonds were active and irregular.

U. S. Governments were steady.

BOSTON STOCKS

Closing Prices

Sales		High	Low	Last Oct. 20	Last Oct. 18
145	Am & Cent	15½	15½	15½	15½
555	Am Found	6⅞	6½	6⅞	6⅞
917	Am T&T	199⅛	195⅛	198⅞	194½
70	Amoskeag	7½	7¼	7½	7½
190	Ariz Com	1⅜	1⅜	1⅜	1⅜
10	Big Hart	39	39	39	..
998	Bos El	81½	80	81	79
60	Bos El pf	90	88½	90	..
141	Bos El 2 pf	94	91	94	..
70	Bos & Alb	191	190	190	190
20	B&M pf	107¼	107¼	107¼	..
10	Bos Prov	182½	182½	182½	..
30	Bos Prop	20	20	20	20½
50	Brown	69½	69	69	..
50	Butte & Sup	1⅛	1⅛	1⅛	..
40	Cal & Hec	10	10	10	..
172	City Service	24½	23⅞	24½	..
1140	Cop Range	6½	6¼	6¼	6½
580	Cr C & Int	9½	9	9½	..
25	Det Air	25½	25½	25½	..
90	East SS	18	17⅞	18	18
100	East SS pf	45	45	45	45
100	East Mfg	80¼	80¼	80¼	..
153	E G&Fuel	23	22	23	23
110	E G&Fuel pf	96⅜	96	96⅜	..
5	E G&F prpf	84	84	84	..
100	Edison El	254	252½	252½	255
400	Em Asso	21¼	21	21	21¼
50	First Nat S	43½	43⅛	43½	43⅛
5	Gen Alloy	8	8	8	..
15	Gen Capital	36½	36½	36½	36½
30	Georgian pf	10	10	10	9½
10	Island Crk	29	29	29	..
25	Loew's Thea	8	8	8	..
385	Mass Util	6⅞	6½	6⅞	6½
140	Mohawk	21	20¾	20¾	21
10	Nash	30⅜	30⅜	30⅜	..
310	Nat Ser	4	3⅞	4	4
25	NE Equity	40	40	40	..
10	NE Equit pf	80	80	80	..
20	NE Pub	18	18	18	..
40	NE Tel	138	138	138	139
150	No Butte	1⅞	1⅞	1⅞	1⅜
22	Old Colony	143¼	143¼	143¼	..
50	Old Domin	4⅜	4⅜	4⅜	..
35	Pac Mills	20	20	20	19⅛
10	Pocahontas	17½	17½	17½	17½
205	Quincy Min	7	6⅞	6⅞	7
50	Ry & Lt T Sec	58	55	55	..
210	St. Mary Ld	8½	8	8	..
195	Shawmut	14⅛	14⅛	14⅛	14
30	Swift Inter	31	31	31	32
260	Swift & Co	28⅛	28⅛	28⅛	28⅛
115	Torrington	49½	48	48	50
1767	Unl Found	11¼	10½	11¼	10¼
830	Unl Shoe	58⅛	57⅛	58	58½
10	US El Pow	7½	7½	7½	7
140	Util Eq pf	77	77	77	77
266	Int Hyd	6¾	6½	6¾	6¾
1051	Walth'm pf	40½	38	38	..
150	War Bros	33¾	33	33¾	..
	BONDS				
$44000	Amoskeag 6s	75	75	75	75

RAILROAD ORDERS RAILS

The Northern Pacific Railroad has ordered 10,000 tons of rail from the Bethlehem Steel Corporation, Illinois Steel Company, and Colorado Fuel & Iron Company.

MONDAY'S TRANSACTIONS ON THE NEW YORK STOCK EXCHANGE

Closing Prices

1930 Range High	Low	Div. in $		Sales	High	Low	Last Oct. 20	Last Oct. 18
62¼	9	..	Abitibi	300	10	9¾	9¾	9
86½	40	6	Abitibi pf	100	38	38	38	40
110½	104	7	Ab & Str pf	10	108	108	108	..
37⅞	19⅛	1.80	Adams Ex	2500	21½	20⅞	21¼	20
32	21½	2	Adams Mill	300	21¼	21	21	..
34¾	29¾	1½	Addressograph	400	31½	31½	31½	31½
1¼	½	..	Ahumada	900	½	½	½	½
156⅞	96⅞	3¶	Air Reduc	2600	103	99¾	103½	97½
36	10	1½	Airway El	10	10½	10½	10½	10
2½	½	..	Ajax Rubber	800	⅝	⅝	⅝	⅝
9⅝	4½	..	Alaska Jun	1400	6⅛	6	6¼	6⅛
18⅞	6⅝	..	Albany PWP	100	7½	7½	7½	..
72	49	1.80¶	Allegh Stl	200	50	50	50	50
35¼	13⅞	..	Alleghany	10800	15	14½	15	15
343	199¾	6	Allied Chem	3000	211¾	203	211¾	200½
126¼	21	7	Allied Ch pf	200	122½	122½	122½	122¼
68	39½	2	Allis-Chal	1800	42½	40¼	42½	40⅝
31½	18	2	Amerada	200	23	22	23	23
10⅞	2	..	Am Ag Ch	800	2½	2¼	2½	..
41¾	22¼	..	Am Ag Ch pf	100	34	34	34	34
97⅞	60	3	Am Bk Note	100	62	62	62	60
12	4	..	Am Best S	100	5	5	5	..
54⅝	37	2.40	Am Brake	200	37½	37¼	37¼	37½
128	118	7	Am Brake pf	110	122½	120½	121¼	122¼
21¾	8⅞	..	Am Br Bov	1900	12¼	11⅝	12	11
84	60½	7	Am Br Bv pf	50	67½	66	66	67
156½	108¼	4¶	Am Can	68500	117	112½	116⅝	111
150⅞	140¼	7	Am Can pf	100	149	149	149	..
82½	36	6	Am Car & F	300	36⅝	36½	36½	36
116	80	7	Am Car pf	100	79	79	79	..
69⅞	38	3	Am Chain	100	40½	40½	40½	39
51¼	36½	2¶	Am Chicle	1900	40⅝	39¾	40	38½
33	9¼	..	Am Com Alc	500	12	11½	11½	12¾
59½	26	..	Am European	100	30	30	30	28
101¾	36⅞	..	Am & FPw	12500	41	38⅝	41	37
101	80¼	6	Am & FP 6	470	83½	80¼	83½	83½
111½	97¾	7	Am & FP 7	200	98	97⅞	98	93
100¾	82	..	Am & FP 2pf	100	82	82	82	82
33⅝	8¼	2	Am Hawaii	100	9½	9½	9½	9
41⅞	28½	3¶	Am Inc	400	28⅝	28⅜	28⅝	28¾
55⅝	24¾	2¶	Am Int Corp	1700	27	25⅞	26⅞	25
4	½	..	Am La Fr	1100	1¼	1	1¼	..
105	29½	8	Am Loco	1100	29⅝	29⅜	29⅝	29½
14½	3½	..	Am Mach & Met	100	3⅝	3⅝	3⅝	..
51½	19	1½	Am Metals	200	21	20¼	21	21¼
95	58¼	7*	Am Nat G pf	30	58⅝	58⅝	58⅝	..
119¾	6	1¶	Am Pw&Lt	1700	64⅛	63	63⅞	62
37⅞	75	3½	Am P&L pf A	300	85⅛	85⅛	85⅛	..
89½	80	5	Am P&L pf st	400	88⅛	88⅛	88⅛	88⅛
39¾	20	1½	Am Radiat	5900	22	20⅞	22	21
37	10⅝	..	Am Repub	200	11⅝	11⅝	11⅝	11
100⅞	35⅞	2¶	Am Roll Mill	3200	39⅝	38⅝	38½	38⅞
67⅝	52½	5	Am Saf Raz	1400	59⅞	57⅞	59⅜	56½
3⅝	1	..	Am Ship	1400	1¼	1	1	1⅛
54½	40	5	Am Ship Blg	100	40	40	40	41½
103⅞	100⅞	6	Am Smelt 2pf	500	101¼	101¼	101¼	101¼
79½	51	4	Am Smelt	2000	53½	51⅞	52⅞	51⅞
22½	3⅛	..	Am Solvents	100	4⅛	4⅛	4⅛	4⅛
52¼	29	3	Am Stl Fnd	800	31	29⅞	31	30¼
116	110½	7	Am Stl F pf	10	111	111	111	..
55½	39	2¶	Am Stores	300	39⅛	39⅛	39⅛	38
69⅞	40	5	Am Sugar	200	43	41⅛	43	42
27½	16	5	Am Tel&Cab	10	18¼	18¼	18¼	..
274¼	193¾	9	Am Tel&T	14200	199⅛	195⅛	198⅞	195⅝
141¾	101	8	Am Type	200	105	101	105	105¼
124⅞	71½	1¶	Am Wat W	6200	76⅛	73	75⅛	72¼
198½	99½	6	Am Wat W	100	104	104	104	..
9	3	..	Am Writ ct	1300	3¼	3	3	3¾
6½	6	..	Am Zinc new	100	6	6	6	6½
81½	34½	2½	Anaconda	18100	36½	34⅞	35⅛	35⅛
51¾	30	2.40	Anchor Cap	1500	32⅞	31⅛	32⅞	32
37¼	15	1	Andes Cop	600	15⅜	15⅛	15⅜	15⅛
29¼	17½	2	Arch Dan	600	19¾	19⅛	19	19½
82⅞	71½	7	Armour D pf	200	73	73	73	74
8	3½	..	Arm Ill A	300	3¾	3½	3⅝	3¾
4⅜	1⅞	..	Arm Ill B	200	2	2	2	2
65	52	7	Arm Ill pf	100	53	53	53	..
13¾	5	..	Arnold Cons	300	6½	6	6¼	5⅝
50½	26⅝	2½	Asso Dry G	1400	28	27¼	28	26⅝
242½	194	10	Atchison	1200	201¼	198⅜	201¼	194¼
108¾	102⅝	5	Atchison pf	100	106⅝	106⅝	106⅝	106⅝
175½	120	10	Atl Coast L	400	118	118	118	..
65¼	50	5	Atl G&WI	100	53⅞	53⅞	53⅞	54
51⅞	22½	1¶	Atl Refin	4700	24⅝	23⅝	23½	23⅝
106	100½	6	Atlas Pwd pf	110	99⅝	99⅝	99⅝	..
37	11½	1¶	Atlas Stores	800	12	11½	12	12
263¾	72¼	4¶	Auburn Auto	3200	79⅝	75	78¼	74
10⅝	1⅝	..	Auto Sales	100	2	2	2	..
51¾	37	3	Auto Strop A	800	68⅝	67½	67⅞	70¼
9⅞	3⅜	..	Aviation	2200	4⅝	4	4¼	4⅝
			—B—					
33	19¾	1¾	Baldwin	2300	26⅝	25¼	26⅝	25¼
122⅞	79⅞	7	Balt & O	2600	82⅝	80¼	82½	82¼
110½	106⅞	7	Bamber pf	60	108	107¼	108	107½
84½	58⅜	3½	Bangor & A	400	60	59½	59⅞	58¾
116¼	109	7	Bangor & A pf	10	110	110	110	111
20¾	12	2	Barker Bros	10	13½	13½	13½	..
34	15⅝	2	Barnsdall A	2600	16½	15⅝	16½	16
109¼	101¼	7	Beatrice pf	400	105	105	105	105
70⅝	48¾	3	Beechnut	100	50	50	50	50
6⅞	2½	..	Belding H	200	3	3	3	3½
57⅞	18½	2	Bendix	1700	19¼	18⅛	19¼	18¾
56¼	31½	2	Best & Co	1300	43⅛	40⅝	42½	40⅜
110¼	69¼	6	Beth Steel	13600	74⅜	72⅝	74	72¼
134	122¼	7	Beth Steel pf	400	124¼	123¼	123	..
104	99	7	Bl'm'dale pf	10	102	102	102	..
69	18	1½	Bohn Alum	400	18⅜	18	18	..
5	2	..	Booth Fish	100	2⅛	2⅛	2⅛	..
90⅜	60⅞	3¶	Borden	1900	69	67⅝	68⅝	69⅛
50⅛	16½	3	Borg Warner	700	17⅞	16⅞	17⅝	17
25⅝	12⅞	..	Briggs	11900	15	14⅞	14⅞	14¾
35½	18	2	Briggs & Str	100	19	19	19	13
22¼	4	..	Brockway	400	5⅛	4⅞	5¼	4⅞
78⅜	58⅜	4	Bkyn Man T	700	67⅞	66¼	67⅜	66½
15⅞	10	..	Bkyn-Queen	100	10⅝	10⅝	10⅝	..
178¼	107	5	Bkyn Un G	500	109	107½	108½	107
39⅝	12⅛	..	Bruns Balke	400	13	13	13	..
35⅛	5½	..	Bruns Term	200	8	7⅞	8	7½
31⅞	13	1	Bucyrus	100	15	15	15	14⅝
117	107⅞	7	Bucyrus pf	10	113½	113½	113½	..
43	29	2½	Bucy cv pf	1200	29½	29	29	29
16⅞	5¼	1	Budd Mfg	1600	5⅝	5¼	5⅜	5⅝
14⅜	8⅛	1	Budd Wheel	900	8½	8⅛	8⅛	8¼
74	18½	2	Bullard	400	19½	19	19½	18¾
43	26⅛	3	Bulova Watch	300	28¼	28¼	28¼	..
35	15¼	..	Burns Br B	100	19⅞	19⅝	19½	19
51⅞	25	1	Burroughs	1000	27⅞	26¾	26¾	26⅞
48½	27¾	2¶	Bush Term	300	28¾	27⅞	28¼	28¼
110	99	7	Bush T deb	10	99	99	99	100
5¼	1⅝	..	Butte & Sup	100	1¼	1¼	1¼	1¼
29⅝	12	..	Butterick	700	13	12⅝	12⅝	13
112⅞	48⅛	..	Byers	700	52⅞	50⅛	52⅞	48⅛
			—C—					
77½	48½	4	Calif Pacq	400	51⅛	50⅞	51⅛	50
89⅞	36	..	Calu & Ariz	900	36	35⅞	36	37
33⅜	9⅞	5	Canada Dry	400	51½	50⅝	51½	50
52¼	40	..	Can Pac n wi	16400	43⅝	42¼	43	42⅛
34¼	19¼	1.60	Cannon Mills	300	19⅝	19½	19⅝	20
28¾	11⅛	..	Capital Adm	100	11⅝	11⅝	11⅝	11⅛
362¾	117¼	6	Case Thresh	7300	126	120	125¼	118¼
79¾	37	3	Caterpillar	400	39	38⅛	39	33
60	9	..	Celotex	200	9	9	9	9
84⅞	25	7	Celotex pf	30	32	32	32½	32½
30½	26⅝	1½	Cen Aguirre	100	24	24	24	23⅞
65⅜	31⅛	4	Cerro de P	800	32¼	31⅞	31½	32¼
15⅝	4	..	Cert-Teed	100	4⅞	4⅞	4⅞	..
67⅞	18¾	4.20	Checker Cab	700	22	21	22	19
82½	47	3	Ches Corp	100	48¾	48	48	43
51⅞	41	2.50	Ches & Ohio	3600	42½	41⅝	42	41½
10	1⅝	..	Chi & Alton	100	2	2	2	1¾
10⅞	1½	..	Chi & Alt pf	100	1¾	1¾	1¾	..
17¾	6⅛	..	Chi Gt West	2000	7¼	6⅞	7¼	7
52⅞	25⅛	..	Chi Gt W pf	3000	27	26	26⅝	25⅝
26⅞	8⅝	..	Chi M&SP	1400	9⅝	9	9	8⅝
46¼	13⅞	..	Chi M&SP pf	4600	15	14⅝	14⅝	14½
37	9⅜	..	Chi Pneu	700	10⅞	10⅞	10⅞	10⅝
125⅛	74	7	Chi RI	200	73	73	73	74
104¼	98	6	Chi RI 6%	100	99⅞	99⅞	99⅞	..
110⅞	105	7	Chi RI 7%	200	105	105	105	105
32	24	..	Chi Yel Cab	10	23⅜	23⅜	23⅜	24
67⅝	32½	2.40	Childs	5000	36⅞	35	35⅞	35
43	16⅞	..	Chrysler	7900	17½	16½	17½	16¾
49	36	3.60§	City Ice	100	36	36	36	36
98¾	81	6½	City Ice pf	60	81	80	80	..
13¼	3¾	½	City Stores	2900	4⅝	4	4	4
20⅝	9⅝	..	Col Ees Oil	200	9⅞	9⅞	9⅞	9⅞
191⅞	133¼	6	Coca Cola	400	170	168½	170	166⅛
64⅞	50	2½	Col Palm	300	50⅜	50⅛	50⅜	..
35⅜	12	..	Collins&A	600	12⅜	12⅛	12¼	12⅛
92	73	7	Collins&A pf	300	82	82	82	..
77	24¾	..	Colo F&I	2100	28	25⅛	27⅜	25
95	61	3	Colo South	3500	61⅝	61	61¾	61
87	42¾	2	Colum Gas	12100	45⅞	42½	45¼	43⅞
199	91	6	Col Carbon	2100	96	93¾	94⅞	92½
37⅞	10½	.75	Col Graph	10000	12¼	11⅞	12¼	10⅞
40⅞	21	2	Com Cred	800	22	21	21½	22
95½	76	6½	Com Cr 1pf	10	92	92	92	..
44⅝	31⅞	3	Com Cred A	300	37	35⅛	37	37
87	80	6	Com Inv Tr pf	200	82½	82	82½	..
55	27	1.60§	Com Inv Tr	400	28	27⅞	27¾	..
33	17½	1	Com Sol	9700	19⅛	18	19	17½
20¼	9⅞	.60	Commwlth So	26000	10¼	10⅛	10¼	10⅛
104⅞	99	6	Commwlth Co pf	1500	99⅜	99⅜	99⅜	99⅜
57	35⅜	2	Conde Nast	100	35⅜	35⅜	35⅜	36
19¾	7⅞	..	Congoleum	900	8	7⅞	7⅞	7⅞
27⅞	12⅛	..	Con Film	700	15⅜	14⅞	15½	14⅝
18½	16¼	2	Con Film pf	2500	18⅜	17½	18⅜	17⅜
136⅞	92½	4	Con Gas	22200	96½	93	96	93⅞
105½	99½	5	Con Gas pf	500	103⅞	103⅜	103⅞	103⅞
62	40	6	Con Ry C pf	100	41½	41½	41½	42
2	½	..	Con Textile	600	¾	¾	¾	¾
22½	11⅛	1.20	Container A	400	15⅜	15⅛	15⅜	15⅜
52½	18½	..	Cont Bak A	1000	22⅜	22	22	21
7	3	..	Cont Bak B	3900	3⅛	3	3⅛	3
94⅞	66¼	8	Cont Bak pf	100	72⅜	72⅜	72	71
71⅝	46¼	2½	Cont Can	3200	49⅜	47⅞	49⅜	47¼
37⅜	11⅛	1	Cont Dia Fib	300	13⅛	13⅛	13⅛	..
77⅝	45⅛	2.40	Cont Ins	700	47⅞	46⅛	47⅞	46⅛
8¼	2⅝	..	Cont Motors	1300	3⅛	3⅛	3⅛	3⅛
30½	12⅜	..	Cont Oil	4700	13⅛	13⅛	13⅛	13⅜
40⅞	12⅜	1	Cont Shares	2500	13⅛	12⅞	13	13
111⅞	75⅞	3¶	Corn Prod	12500	77⅞	75⅞	77⅞	75⅞
151½	140	7	Corn Prod pf	20	151	151	151	..
33	10	..	Coty	2200	13	11⅞	12	12
35⅞	25½	2¶	Cream of Wh	700	29	28	28	28
59⅞	32	..	Crown Corp	100	32	32	32	..
18½	6⅞	1	Crown Zell	100	7⅛	7⅛	7⅛	7⅛
93⅞	62½	5¶	Crucible	200	63⅛	63⅛	63⅛	62⅛
117	10	7	Crucible pf	20	109⅛	109	109⅛	109
7	1	..	Cuba Cane Prod	100	1⅛	1⅛	1⅛	1⅛
48	38⅛	4	Cudahy	200	39⅞	39⅛	39⅛	39⅛
126⅛	99	6*	Curtis Pub	1700	103¼	99	103¼	101
121⅛	114⅞	7	Curtis P pf	100	118⅛	118⅛	118⅛	118⅛
14⅞	4⅞	..	Curtiss Wr	5200	4⅜	4⅛	4⅛	4⅛
19¾	5⅞	..	Curtiss Wr A	600	5⅞	5⅛	5⅛	5⅛
90½	50⅛	3½§	Cutler	200	50⅛	50⅛	50⅛	50⅛
			—D—					
43⅝	18¾	..	Davison	300	20½	19⅝	20½	19¾
38	10	2.40	Debenham	100	14¼	14⅛	14⅛	..
181	145½	9	Del & Hud	500	148	145	148	145½
153	105	6¶	Del Lac&W	300	105¼	105⅛	105¼	105¼
80	35⅛	..	Denv RG pf	500	35⅛	35¼	35⅛	36¼
10⅞	6⅞	1	Dome Mines	100	8	8	8	8
30⅝	13⅛	1.20	Dom Stores	800	14⅜	13⅞	14⅜	14⅝
145⅛	90⅞	4¶	Dupont	17700	97⅛	93⅝	96⅛	93
123	114⅞	6	Dupont deb	300	121	120½	120½	120½
			—E—					
255⅛	175⅞	5¶	East Kodak	300	192	186	191	185¼
37⅛	14⅞	3	Eaton Axle	1800	15⅛	14⅞	14⅞	16⅞
114⅞	33	6	Elec Auto Lt	2400	40	36⅞	40	37½
110⅞	104⅞	7	El Auto L pf	30	103½	103½	103½	104¼
9⅞	2¼	..	Elec Boat	500	3⅝	3⅝	3⅝	3⅝
103½	44	1	Elec P&L	15300	48½	45⅛	48	44
79¼	51¼	5	Elec Sto Bat	800	52	51⅛	52	52⅛
50⅞	36⅞	3	Equit Bldg	200	37	37	37	37⅞
63⅞	33⅞	..	Erie	1400	35⅛	34⅛	35⅛	34
67⅞	50	4	Erie 1 pf	100	51¼	51¼	51¼	51⅛
36⅛	4	..	Evans Auto L	400	4½	4⅜	4½	5
			—F—					
39⅞	7	..	Fairbanks pf	100	8½	8½	8½	..
50⅛	27	3	Fairb Morse	100	28⅞	27⅞	28⅞	..
111⅛	102	7	Fairb M pf	20	109	109	109	109
80	23	7	Fash Park pf	20	27⅛	27⅛	27⅛	23
90⅞	50⅛	1½	Fed Lt&Tr	100	60⅛	60⅛	60⅛	..
100⅛	96⅛	7	Fed M&S pf	100	98	98	98	..
25⅛	3⅜	3	Fed Screw W	100	13⅛	13⅛	13⅛	13⅛
12⅛	6	.80	Fed Motor T	100	6	6	6	6⅛
43	26	2.40	Fed Wat Svc	200	28⅛	28	28⅛	27⅛
89⅜	52	2.50	Fidelity Ins	1400	54	53⅛	54	53⅛
100⅛	92	6½	Filene pf	10	90⅛	90⅛	90	92⅛
33⅛	15⅞	..	Firestone	500	16	15⅞	16	15⅜
87⅛	53⅛	6	Firestone pf	100	56⅛	56⅛	56⅛	55⅛
61⅞	43⅞	2½	First Nat St	2000	45⅛	43	44½	43⅛
5⅛	1	..	Fisk Rubber	800	1⅛	1¼	1¼	1⅛
21	2⅞	..	Fisk Rub 1pf	300	4⅛	4	4	4⅛
50⅜	14	2	Follansbee B	300	14½	14	14	14
104⅛	56⅛	3	Foster & Wh	3100	62	58¼	62	58⅛
50	23⅛	..	Fourth Nat Inv	200	26⅛	26⅛	26⅛	25
57⅞	16⅞	..	Fox A	19700	28⅛	25⅛	28	24⅞
55⅛	33	4¶	Freeport Tx	300	35	30	34⅛	33⅛
95⅛	88⅛	6¶	Fuller pr pf	100	89	89	89	..
			—G—					
11¾	3½	..	Gabriel A	900	3½	3¼	3¼	..
7⅝	1½	..	Gardner M	200	1½	1½	1½	..
111½	67⅞	4¶	Gen Am Tk	400	70⅛	68⅞	70⅛	68⅞
71⅝	29⅝	4	Gen Asphalt	700	31¼	30	30⅞	30
135	100	6	Gen Bak pf	10	110	110	110	109⅝
38⅜	13	1	Gen Bronze	200	14	14	14	14⅛
34½	10⅞	..	Gen Cable	200	12	12	12	..
74⅞	29⅞	4	Gen Cable A	300	30⅛	30	30	30
95⅝	50⅛	1.60	Gen Elec	73800	54⅛	52	53⅞	50⅜
12	11⅛	.60	Gen Elec Sp	1700	11⅝	11½	11⅝	11½
61¼	46⅛	3	Gen Foods	6600	50⅞	49⅞	50⅛	49⅛
18⅞	5	.30	Gen G&E A	1100	6⅞	6	6¼	6
111	93	7	Gen G&E 7%	50	88	87	88	93
59⅞	40⅛	3¶	Gen Mills	400	43⅛	43	43⅛	43
100⅞	92⅞	5	Gen Mot pf	400	97	96⅞	97	96⅞
54⅞	32⅞	3¶	Gen Motors	54800	35⅛	33⅛	35	33⅛
52⅞	18	6a	Gen Pub Svc	900	22	20⅝	22	20½
21⅞	5	..	Gen O Ad	100	7	7	7	..
51⅛	14¼	..	Gen Theater	8100	23	20⅝	23	20⅝
106⅞	59	5	Gen Ry Sig	1800	60⅝	58	60	59
19⅞	5⅛	..	Gen Realty	1800	8	6⅞	8	6⅞
100	72	6	Gen Realty pf ww	200	72½	72	72	..
90	48¼	4¶	Gen Refrac	500	55	55	55	55
106⅛	31⅛	5¶	Gillette	11500	38⅛	36⅞	38½	35
20⅞	7⅞	..	Gimbel Br	200	8	7⅞	8	8
38	10⅛	1.20	Glidden	1100	11⅞	10⅝	11	11
10	5	..	Gobel (Adolf)	1100	5⅞	5⅛	5½	5⅛
47⅞	31	2½	Gold Dust	5500	34⅛	31⅞	33⅛	31⅛
58⅛	15⅛	..	Goodrich	1300	16¼	16	16	16
96⅞	39⅛	5	Goodyear	1500	41⅝	40	40¾	39⅜
15⅜	5	..	Gould Cp A	500	5½	5	5	5½
13⅝	4	..	Graham-P	1800	4⅜	4⅛	4⅜	4¼
59⅞	12⅜	..	Granby	3100	14⅝	12⅝	13⅞	12½
52	29	1¶	Grand Silver	200	30	30	30	29
20⅝	10	..	Grand Union	600	10⅝	10¼	10⅝	10¼
44	34⅞	3	Grand Un pf	100	37	37	37	37
50⅞	25⅛	4	Granite City	700	25¼	25	25	25⅛
43	28⅞	1	Grant (WT)	400	33⅜	32⅛	33⅛	..
102	64⅛	5	Grt Nor pf	1400	65⅞	65	65⅞	65¼
25⅞	18	.25	Grt Nor Ore	200	19¼	19	19	19⅝
120	103⅛	7	Grt W Sug pf	200	103¼	103¼	103¼	..
28	5	..	Grisby Gru	2400	6	5⅛	5⅜	5⅛
37	13	..	Guan Sug pf	100	13	13	13	..
40⅛	17⅝	..	Gulf Mobile	600	18	18	18	..
98⅞	84⅛	6	Gulf Mo pf	600	84	83½	83½	84⅝
60	28	..	Gulf Steel	300	29	28⅝	29	29⅞
			—H—					
38	25	1½	Hack Wt	30	30⅛	30⅛	30⅛	30⅛
21¼	7⅝	..	Hahn Dpt St	2300	8⅞	8⅝	8⅝	8⅞
86½	60	6½	Hahn Dpt pf	1200	63	61	63	61
31⅛	17⅞	3*	Hall Print	200	18½	17⅞	18½	18½
47½	42	1.60	Hamilton Watch	100	42½	42½	42½	..
72¼	45	2	Harbison	100	45	45	45	45⅛
23¼	13⅛	2	Hartman A	100	13⅜	13⅜	13⅜	..
20	6½	..	Hartman B	200	5¾	5⅜	5⅝	5⅜
11⅛	3⅝	..	Hayes Body	300	3⅞	3⅝	3⅝	4
31	17½	1.30	Hercules Mot	200	17½	16	16	17½
123⅝	117	7	Here P pf	10	120	120	120	..
100	70	5	Hershey Ch	1500	81	76¾	81	78⅝
108⅝	83½	4¶	Hershey pf	500	93	92¼	93	92¼
29¼	6	..	Hoe & Co	100	7½	7½	7½	..
41½	26⅛	2½¶	Holland F	200	32	31	32	31
29	5	..	Houdaille B	300	5⅝	5⅛	5⅝	5½
116⅞	47	10¶	Houston Oil	5400	52⅞	49½	52⅞	49⅞
60⅞	49	4	Household P pf	100	68⅛	68⅛	68⅛	..
41⅞	21¼	4¶	Howe Sound	600	22⅝	22	22⅝	22¼
53⅛	41	3½	Hud Man	1000	43	42⅛	42⅝	..
62⅞	21½	.75	Hudson Mot	1500	22⅜	21⅞	22⅜	21½
29⅞	7⅜	2¶	Hupp Motors	1400	8⅛	7⅝	8⅛	7⅝
			—I—					
136⅜	99	7	Ill Central	1300	102¼	100	101	99
32	15⅞	2	Ind Oil & G	3100	17¼	16	16⅞	16
17	3½	..	Indian Mot	200	3½	3½	3½	3½
28⅝	6½	..	Indian Refin	4200	7⅛	6½	6⅝	6⅞
124	31	5a	Ind Rayon	2800	41	40	41	40
239	154¼	4¶	Ingersoll R	900	180	178	180	177
98	67⅛	4	Inland Steel	300	67½	66⅞	66⅞	67⅛
30⅞	6⅛	4	Inspiration	400	8⅜	8⅛	8⅜	8⅛
17⅝	8¼	.45	Insurance Sh	300	8⅝	8⅛	8⅛	8½
13½	9	.60	Insurance S ctfs	200	9½	9⅛	9⅛	9⅛
39½	20⅞	..	Interboro RT	1000	29⅞	28⅝	29⅞	30⅛
8⅛	3⅜	..	Int Agri	100	4⅛	4⅛	4⅛	4¼
147½	131	6¶	Int Business	400	141⅜	138½	141⅜	131
19⅜	10	.25	Int Carriers	1700	10⅞	10	10⅞	10⅛
75⅝	55	4	Int Cement	200	57	57	57	55⅝
14½	3⅛	..	Int Combus	1500	3⅝	3⅜	3⅝	3½
115⅜	57⅛	2½	Int Harv	6600	58⅛	56⅛	58	59⅜
146½	140¼	7	Int Harv pf	100	145⅛	145⅛	145⅛	..
54	20⅜	2b	Int Hyd El	3500	20¾	19½	20½	19⅛
82	64¼	4	Int Match pf	600	66⅞	64	66⅞	64¾
33	16⅞	..	Int M Mar	400	17	16⅜	17	16¾
44⅞	16⅜	1	Int Nickel	42700	18¼	16⅞	18¼	16⅝
31⅛	9¼	2.40	Int P&P A	700	9	8½	9	8⅞
22⅝	5¼	..	Int P&P B	200	7⅛	6⅞	7⅛	..
101	75	6	Int Print I pf	400	75⅛	75⅛	75⅛	..
45¾	31	3	Int Salt	1000	37	35⅞	37	36
62	53	3	Int Shoe	500	53	53	53	..
77⅞	25⅛	2	Int Tel & T	11900	29⅞	27⅜	29⅜	27
23⅞	14½	1	Interlake	5000	15⅛	14⅞	15⅛	15⅛
49	17¼	2	Inter Dep St	300	18¼	17½	17½	17⅞
60	60	..	Int D S xw	40	72	73	72	..
29	8	2	Inv Equ	1300	9	8	8⅝	8
43	27	4	Island Cr	100	27	27	27	27⅝
			—J—					
66½	40¼	3¶	Jewel Tea	200	42½	41	42½	40½
148⅝	64½	3	Johns Man	1400	71	69	70⅝	68⅝
123	118¼	7	Johns Man pf	10	123	123	123	123
123½	118½	7	Jones & L pf	30	120	120	120	120
5½	¾	..	Jordan Mot	700	⅞	¾	¾	¾
			—K—					
85⅜	44⅞	5	Kan City So	500	50	48⅞	50	44⅞
13½	7⅛	1.03	Karstadt	100	8⅝	8⅝	8⅝	8⅝
41½	15	2.50	Kayser	700	17½	17	17½	17
20⅞	16½	1½	Kaufmn D St	100	17	17	17	..
6⅛	1⅞	..	Kelly Spring	400	2⅛	2⅛	2⅛	2
43	11	..	Kelly Spring 8%	10	13	13	13	13¼
38⅞	19¼	2	Kelsey Wh	800	20¼	19½	20½	20
26⅝	7½	..	Kelvinator	2400	9	8¾	9	9
89	48	6¶	Kendall pf	20	50	50	50	50
62⅞	26⅛	3	Kennecott	10800	28⅝	26	28⅝	26⅛
59	42	2½§	Kimberley	400	43⅝	43	43⅝	43
8⅛	1⅜	..	Kolster Radio	2700	2	1⅝	2	1¾
3	1	..	Kolster R cts	100	1⅛	1⅛	1⅛	..
36⅞	26¼	1.60	Kresge	2600	26¾	26⅜	26⅞	26⅜
45⅛	23⅞	1.60	Kreuger Toll	15000	25⅝	25	25½	24⅞
21	..	1¶	Kroger	3200	24⅜	23⅞	23⅞	23⅞
			—L—					
237	159⅞	10	Laclede Gas	200	225¼	225¼	225¼	..
11	3½	..	Lee Rubber	100	3⅝	3⅝	3⅝	..
42	16⅜	1	Leh P Cem	100	16⅞	16⅞	16⅞	17
17⅞	7⅛	..	Leh V Coal	200	8⅛	8	8⅛	8⅛
84⅞	54	3½¶	Leh Val RR	1200	55⅜	54⅞	55⅜	55
97¼	60	3	Lehman	1400	63	61	62⅝	61
49¼	18⅞	..	Lima Loco	1300	22	18⅞	22	19
81⅞	45⅛	4	Liquid Car	300	50	48	50	43
95⅜	42⅛	3	Loews Inc	19600	57¾	54	57¼	53½
112⅞	85⅞	6½	Loews pf ww	100	102½	102½	102½	..
99⅜	84	6½	Loews pf xw	100	97⅞	97⅞	97⅞	..
6⅞	3	..	Loft Inc	1600	3½	3⅛	3½	3⅛
70⅛	50⅛	2.60¶	Loose-Wiles	1500	53⅛	50⅞	53⅛	50⅝
138⅞	106⅛	7	Louis & N	400	113⅛	112⅛	112⅝	113
126	113⅞	7	Loose-W pf	10	120⅛	120⅛	120⅛	118⅛
51⅛	30⅛	1½	Lou G&E A	500	31⅞	30½	31⅛	30½
12	4½	..	Lou Oil Ref	800	6⅛	6	6	6
44⅝	14⅛	..	Ludlum Stl	200	15⅛	15	15⅛	15
			—M—					
50	33⅞	2½	McCall	300	39	35⅝	35⅝	36½
69⅛	61	4¶	McKeesport	900	73¼	71¾	72	71
20¼	10⅞	..	McLellan	1000	11	10½	10½	11¼
68½	42½	6	Mack Trucks	2300	45½	42¼	44⅞	42⅛
159⅝	106⅞	2¶	Macy	200	111½	108	111½	105⅞
15⅜	6⅞	1	Madison Sq	700	7	7	7	7
53½	20½	3	Magma Cop	5600	20⅛	20	20¼	20¼
15	10	..	Mandel Bros	100	10	10	10	..
75	46⅛	7	Man Ely ctd	20	59	58	59	..
42½	24	80	Man Ely mg	1800	36⅞	33¼	36⅞	33¼
24⅝	9	1	Man Shirt	200	10	9⅝	9⅝	..
10⅝	2	..	Maracaibo	300	2⅜	2⅜	2⅜	..
32½	26¼	1.20	Marine Mid	1000	26⅞	26¼	26¾	26¾
55	26¼	2¶	Marlin Rock	100	27	27	27	..
30⅞	5¼	..	Marmon	500	5¼	5¼	5¼	5¼
48½	35	2½	Marshall F	100	35	35	35	35
8¼	3	..	Mart-Parry	600	6½	5⅞	6⅜	6¼
51⅞	32⅞	2	Math Alkali	1600	35½	33¾	33⅞	34⅜
61⅞	33¼	2¶	May Dept St	500	37	37	37	35⅛
22	7	1	Maytag	200	7½	7½	7½	7½
40½	19¼	3	Maytag pf ww	100	19⅛	19⅛	19⅛	..
26⅝	13½	1.89	Metrol Gld pf	100	25	25	25	..
37	13⅝	..	Mex Seabd	4900	15⅛	13⅞	15¼	13⅞
32⅞	9	..	Miami Cop	600	9	9	9	9
47	41¼	2½¶	Mich Steel	300	42	41¾	42	41⅛
33	18	..	Mid Cont	1500	18⅜	18¼	18⅜	18
53	19⅝	3	Midland St	300	20⅛	20	20¼	20
110	80	8	Midland pf	200	85	84⅜	85	80
26⅞	6⅛	..	Min Moline	1000	7¼	7	7	7
92¼	65	6.50	M Moline pf	100	65	65	65	..
2½	¼	..	Min & StL	100	½	½	½	¾
63⅞	26¼	2	Mo K&T	100	27¼	26⅞	26¾	28¼
108⅞	88	7	Mo K&T pf	200	89	88½	89	88
98½	42	..	Mo Pac	400	43	42¼	42¼	42⅛
145½	100	5	Mo Pac pf	300	104	102⅞	104	102½
40	14	..	Mohawk	100	15	15	15	14
63¾	25	1½	Monsanto Ch	100	25⅛	25⅛	25⅛	25⅞
49⅞	21⅜	3	Mont Ward	8100	25¼	24	24⅞	22⅝
16½	3	..	Moon Mot	200	3⅝	3⅝	3⅝	3⅝
2	¾	.20	Mother Lode	700	¾	¾	¾	¾
81	29	2	Motor Prod	300	32	32	32	31
34	15½	3	Motor Wheel	100	16⅛	16⅛	16⅛	..
20⅝	8	..	Mullins Body	600	8½	8¼	8¼	8½
64⅞	38¼	7	Mullins pf	60	40	40	40	..
25⅛	9⅝	2a	Murray Body	1000	10⅞	9⅝	10⅜	10
49½	35⅞	2	Myers Bros	100	35½	35½	35½	35½
			—N—					
58½	29¼	4*	Nash Mot	2100	30⅞	29⅝	30	30½
26¼	7⅞	1½	Nat Acme	400	9	8⅝	9	8½
20	4⅞	..	Nat Bellas H	2000	5⅝	5	5	5⅛
93	71	2.80*	Nat Bisc	4600	76⅞	74¼	76⅝	74
83½	30	3¶	Nat Cash R	1400	33	31⅞	33	30½
62	40⅛	2¶	Nat Dairy	9300	43⅛	42	42⅝	41½
24½	10	1	Nat Dept Sto	400	10	10	10	..
33½	17½	2	Nat Enam	100	20	20	20	20
189½	116½	5¶	Nat Lead	400	120	120	120	119¾
144	138⅛	7	Nat Lead pf A	20	141⅛	141⅛	141¼	141½
58¾	30	1	Nat Pw & Lt	8000	34⅛	31¾	33¾	32⅛
4⅛	1	..	Nat Radiat	100	1	1	1	..
62⅛	45⅛	2	Nat Steel	800	46	45⅛	46	46
124⅜	85⅛	5	Nat Supply	1100	85¼	85¼	85¼	86⅝
116	106⅝	7	Nat Sup pf	100	109	108⅞	109	..
98⅝	61⅞	5	Nat Surety	900	64⅛	61⅞	63¼	64⅛
41⅞	16⅛	1	Nat Tea	200	17	16⅞	17	16⅞
54	24⅞	1.60	Neisner Bros	200	25⅛	25⅛	25¼	24⅛
32⅝	9½	1	Nev Cons	1400	10	9⅛	10	9½
58	22	..	Newton Steel	200	25	23⅞	24⅞	22
47	35¾	3.60	NY Air Br	400	36⅛	36⅛	36⅜	37
192⅞	135⅛	8	NY Central	4600	138⅛	136⅛	138	135⅛
144	88⅛	6	NY C&StL	400	89	88⅛	89	89
110⅜	95	6	NY C&StL pf	200	95	95	95	96
324	174⅜	5	NY&Harlem	40	185	184	185	184
32	14¾	1.20	NY Invest	800	15⅛	14¾	15⅛	15
128½	90	6	NY NH&H	6600	92	89⅞	92	90
135½	116	7	NYNH&H pf	200	119¼	116¾	117¼	..
17⅛	6	..	NY Ont&W	200	6⅞	6⅞	6⅞	..
4⅞	1	..	NY Ry pf	300	1⅛	1⅛	1⅛	1¾
105½	100	6	NY Stm 6%	20	104⅞	104⅝	104⅝	..
33⅞	6⅛	..	Norf South	100	6⅞	6⅞	6⅞	..
265	212½	10	Norf & West	300	215¼	215	215¼	213¾
92⅛	83	4	Norf & W pf	200	90⅞	90	90	..
132⅞	80⅛	10a	No Am	10400	85⅞	81⅛	85⅝	82
57	51	3	No Am pf	100	54⅛	54⅛	54⅛	55
105⅜	100⅜	6	No Am Ed pf	100	104⅛	104⅛	104⅛	..
15⅞	5⅛	..	No Am Aviat	700	6⅞	6⅜	6⅞	6
89⅞	85½	4	No Central	10	89¾	89¾	89¾	..
97	55½	5	No Pac	900	58⅞	57⅛	58⅞	58
			—O—					
32	22	2	Ohio Oil	5600	23	22⅛	22¾	22
34⅞	5	..	Oliver Farm	600	6	6	6	5⅛
46⅛	5	3	Oliver cv pf	1300	10	8¾	9½	8½
8⅞	2⅝	..	Omnibus	600	3⅛	2⅝	3⅛	2⅝
56	29⅛	3	Oppenheim	100	31	31	31	..
80⅞	55	2½	Otis Elev	1200	60½	57⅝	59	57
38⅞	16⅛	2½	Otis Steel	200	18⅝	18⅛	18⅝	18½
69⅞	37	3	Owens Ill	100	39	39	39	39
			—P—					
19½	10	..	Pac Cst 2pf	20	11	11	11	..
74⅞	47⅛	2	Pac Gas	1700	49	46⅝	49	47⅛
107⅛	64	3	Pac Lighting	100	66	66	66	64
30	18½	..	Pac Mills	100	17⅞	17⅞	17⅞	18½
178	129¾	7	Pac Tel & T	40	129⅞	129	129	130
145	116⅞	6	Pac Tel & T pf	120	127⅛	126⅛	126⅛	127
23⅞	9⅛	1	Packard M	18300	9⅞	9⅝	9⅝	9⅜
67⅛	47⅛	2	Pan-Am B	400	47⅞	47⅛	47⅛	47⅞
12⅝	3⅛	..	Panhandle	100	3½	3½	3½	..
77⅛	48⅛	4	Paramount	14100	50⅛	47⅞	50	47⅛
35⅞	10	..	Park & Tilf	100	10	10	10	10
4⅞	1⅛	..	Park Utah	300	1½	1½	1½	1⅜
25⅞	4⅞	.09	Parmalee Tr	100	6⅞	5⅞	5⅞	5⅞
9	2⅞	..	Pathe Exch	2300	3⅛	3	3⅛	3⅛
32⅞	9⅞	..	Patino M	900	11⅝	10⅞	11⅝	11⅛
53⅞	26⅛	1	Penick & F	1500	37⅛	34⅛	37⅛	34⅞
12	4⅛	..	Penn Dix C	300	4⅛	4⅛	4	4⅛
80	35⅞	3	J C Penney	1700	42	40	42	40
86⅛	64⅛	4	Penn RR	4400	66⅞	65⅛	66⅞	65⅞
325	213	8	Peoples Gas	400	219⅞	215	219⅞	215
101	94⅛	5	Pere M ppf	30	96⅞	96⅞	96⅞	..
27⅞	11	1.20	Petroim	400	12⅞	12	12	12
44⅞	26	3	Phelps Dodge	200	26½	26	26½	23⅞
104	102	6	Phila Co pf	100	100	100	100	..
57⅜	50⅛	3	Phila Co 6%	100	54	54	54	..
23⅞	11⅞	..	Phila Read	4700	13⅞	12½	13⅛	12
44⅞	21	2¶	Phillips Pet	3000	22⅛	21¼	22⅛	21
2⅛	⅝	..	Pierce Oil	800	¾	⅝	¾	⅞
7⅛	3¼	..	Pierce Pet	700	3⅛	3	3⅛	3
37⅞	27	2¶	Pilsbury	400	29⅛	29¼	29⅛	29¾
50⅞	38	3.14	Pirelli Co	400	37⅞	37⅛	37⅞	..
22⅞	15⅛	1.40¶	Pitts Scr & B	1200	15⅞	15⅛	15⅞	..
103	93⅛	7	Pitts Stl pf	10	98	98	98	95½
24⅞	9⅛	..	Pitts United	200	17	17	17	17¼
34⅞	18	2	Poore & Co B	1900	18	16¾	17	18
103	68	7	Post Tel pf	100	67⅛	67⅛	67⅛	..
54	22	2¶	Prairie O&G	700	24⅞	24⅛	24⅞	24½
60	27⅛	3¶	Prairie P L	1700	29	27⅞	29	27½
16⅞	4⅞	..	Press Steel	..	5	5	5	4⅞
79⅞	52⅛	2.40	Proctor & G	1500	66⅞	66⅛	66⅞	66⅞
11⅞	4⅛	..	Prod & Ref	400	4⅛	4⅛	4⅛	4⅞
40	25⅛	..	Prod & R pf	220	25⅛	25⅛	25⅛	..
133⅞	80⅛	3.40	Pub Serv	12800	84⅛	80⅞	84⅛	81
117	108⅛	6	Pub Serv 6%	100	113	113	113	..
135¼	121	7	Pub Serv 7%	100	133⅞	133⅜	133⅞	130
158	143	8	Pub Serv 8%	100	151	151	151	151
112	107⅛	5	Pb Sv EG pf	100	110⅞	110⅞	110⅞	..
89⅞	55⅛	4	Pullman	1400	57⅞	56	57⅜	56
27⅛	15⅛	1.50	Pure Oil	7500	15⅝	15	15	15⅝
114⅞	106	8	Pure Oil pf	10	107	106	107	107
88⅞	52	4	Purity Bk	300	56½	56	56½	53⅞
			—R—					
69⅞	20¼	..	Radio	87200	23⅛	21⅞	23⅛	20⅞
85	54¼	5	Radi pf B	100	57⅞	57⅞	57⅞	57
50	17⅛	..	Radio-Keith	73500	22¼	20⅛	22	19⅛
58⅞	19⅛	2.60	Raybestos	200	20⅞	20⅛	20⅞	20⅛
191⅞	94	4	Reading	100	97	97	97	96
46⅛	18	1.60	Rem Rand	9100	18⅞	18¼	18⅝	18⅞
104	95	8	Rem Rd 2pf	20	100	100	100	..
14⅞	8⅛	.80¶	Reo Motors	100	10⅜	10⅜	10⅜	11
79⅛	18	..	Repub Stl	2500	20⅜	18⅞	20	18⅞
95⅛	60⅞	6	Repub Stl pf	700	60⅞	60	60	60⅞
34⅞	14	2	Rey-Metal	1400	17⅞	17⅛	17⅛	17
7⅛	2	..	Reynolds S	100	2⅝	2⅝	2⅝	2⅝
45⅛	33⅛	2.16	Rhine-West	100	37	37	37	..
8⅞	7⅛	2	Richfield Oil	1800	7½	7¼	7⅛	7⅛
25¾	8½	..	Rio Grande O	1300	9	8½	8⅝	8⅞
48⅛	21	2.20	Rossia Ins	1300	23½	22	23½	21½
56⅛	43	3.21	Royal Dutch	1200	45⅛	44½	45⅛	44
			—S—					
122⅞	57¼	5	Safeway S	700	60⅞	60¼	60½	60⅛
57¼	29	2¶	St Joseph	200	30	30	30	29
118⅞	64⅛	8	StL-SF	400	70⅛	68¾	70	68⅞
76⅞	46	..	StL SW	100	49	45⅛	49	..
94⅛	83⅛	5	StL SW pf	100	80	80	80	..
31⅞	13⅛	2	Savage A	500	16⅛	16⅛	16⅛	15⅛
12⅛	1⅞	..	Seabd AL	1600	2⅜	2⅛	2⅜	2¼
28	3	..	Seabd AL pf	200	3⅛	3⅛	3⅛	3⅛
100⅞	49⅞	2½§	Sears Roe	7600	52⅞	49⅞	52⅞	49¼
23	1⅞	..	See Nat Inv	100	5⅜	5⅜	5⅜	5⅛
3⅛	1⅛	..	Seneca Cop	300	1⅝	1½	1½	1½
13⅞	4⅛	..	Servel	4500	5	4⅞	5	4⅞
32⅞	11	..	Sharon	300	11⅛	10⅞	10⅞	11⅛
52	25⅞	1¢¶	Shattuck	1700	29	27¼	28⅞	26⅞
25⅛	10	..	Shell Union	1600	10½	10	10½	10¼
106¼	83	5.50	Shell Un pf	100	83	83	83	83
35	7⅝	..	Shubert Th	100	8	8	8	8
94⅞	15	..	Simmons	2600	16⅛	15⅛	16⅛	15⅛
37	11	1.60	Simms Pet	1300	11⅛	11	11	11
32	13⅞	2¶	Sinclair	16800	14⅛	13⅛	14⅛	13⅛
112⅞	106	8	Sinclair pf	400	110	109⅞	109⅞	..
42	19	2	Skelly Oil	400	20⅛	19⅛	20⅛	19
58⅛	20	..	Sloss Shef	20	20	20	20	20½
73	40	2	So Calif Ed	1500	49½	48	48⅛	48⅛
137	104	6	So Pacific	2400	106	104⅛	106	104
30⅞	11⅛	2¶	So PR Sug	400	15	14⅛	14⅛	14⅛
136⅞	69⅞	8	So Railway	3300	72½	71⅛	72	72
37⅛	19⅞	..	Spang Chal	10	93	93	93	..
30⅛	11⅞	1	Sparks With	1000	13⅛	13⅛	13⅛	13⅛
9⅛	3	..	Spear & Co	100	3	3	3	3
38⅛	10⅛	7	Spear pf	120	75	75	75	..
29⅞	15⅛	1.80	Spicer Co	200	10⅛	10⅛	10⅛	..
121⅛	117	7	Sta Brands	6900	17	16⅞	16⅞	15⅛
129⅞	72⅛	3.50	Sta Brands pf	100	117	117	117	..
67	61⅞	6	Sta Gas	1300	77	74	77	73
15⅛	3⅛	..	Sta Gas pf	100	63	63	63	64
75	51⅞	2.50§	Sta Inv	200	4⅛	4	4	4
49	19	2	Sta Oil Cal	4000	52⅛	51⅛	52⅛	51⅛
84⅛	64⅛	1¶	Sta Oil Kan	100	22	21	21⅛	21
40⅛	20	1.60	Sta Oil NJ	14000	56⅛	55	56⅛	54⅛
47⅛	21	2¶	Sta Oil NY	5300	28⅛	26⅛	28⅛	26⅛
20⅛	8⅛	..	Starret Co	100	23	23	23	23
47	17⅞	2	Sterling	1000	5⅛	5⅛	5⅛	5⅛
113⅞	54	..	St-Warner	2300	19	17⅛	18⅛	17⅛
47⅛	24	3	Stone & Web	6200	58⅛	55	58	..
70	60	..	Studebaker	2300	25	23⅛	24	24
108⅛	102⅛	6	Sun Oil	100	53⅛	52⅛	53⅛	52
9⅝	1⅛	..	Sun Oil pf	100	107⅛	107⅛	107⅛	107
45⅛	32⅛	2½	Super Oil	300	1⅛	1⅛	1⅛	..
29⅛	7⅛	..	Superheater	100	38	38	38	..
			Super Steel	400	7⅛	7⅛	7⅛	7⅛
19	8¼	1	Sweets Co	100	10⅛	10⅛	10⅛	10⅛
17⅞	5⅛	..	Symington A	200	5⅛	5⅛	5⅛	5⅛
			—T—					
26¼	15⅞	1.20¶	Telautograf	600	17	17	17	..
17	8½	1	Tenn Cop	200	8⅞	8¾	8⅞	8⅞
60⅛	41⅞	3	Tex Co	3400	43	42	43	43
67⅞	48⅛	4	Tex Gulf S	2300	52	50⅞	51⅞	50⅞
14⅜	3⅛	..	Tex & P Coal	300	6	5⅞	6	6
32⅞	13⅞	..	Tex & P LT	6600	16⅛	15⅞	16⅛	15⅛
50⅝	16⅞	1.60	Thatcher	300	17⅛	17⅛	17⅛	17⅛
26⅞	7	..	Thermoid	200	7	7	7	7
110	102	7	The Fair pf	30	106½	106½	106½	106½
32	23¼	2.40	The Fair	100	23⅛	23⅛	23⅛	23⅛
15⅛	6⅛	..	Third Ave	200	9	8⅛	9	8⅛
47⅛	27	3	Thompson	100	30	30	30	29⅛
18⅞	5⅛	..	Thom Star	100	6	6	6	6
42⅞	30	3.50	Thom Star pf	100	33	33	33	..
30⅞	15	2.40	Thomp Prod	100	16	16	16	16
17⅛	10	.60	Tidewat As	3100	10⅞	10¼	10⅛	10⅞
21⅛	8	.80	Timken-Det	800	9½	9¼	9⅛	9
89⅛	49⅛	3	Timken	3900	52⅛	50⅞	51⅞	51
25⅛	17	1	Transamer	13500	18	17⅛	17⅛	17⅛
20⅛	9⅛	..	Tri-Cont	1300	9⅞	9⅛	9⅞	9⅛
23⅛	8	1	Trans & K	200	9⅛	9⅛	9⅛	9⅛
96⅞	89⅛	6	Tri-Cont pf	500	94⅛	94⅛	94⅛	94⅛
41⅞	26⅛	..	Trico cash	200	30⅞	30⅞	30⅞	..
37⅛	22⅞	1.20§	Truscon S	200	24⅛	24⅛	24⅛	..
31⅞	7½	4	Twin City	100	7½	7½	7½	..
			—U—					
138	65	5	Underwood	800	69⅛	66½	69⅛	65⅛
19⅛	9⅞	..	Un Bag & P	200	12	12	12	13
106⅞	59	2.60	Un Carbide	25300	64	61	63¾	60
50	28⅞	2¶	Un Oil Cal	2700	31	29⅛	30	29⅝
242¾	192¼	10	Un Pacific	1500	197⅞	192½	197⅞	192¼
88⅞	82¼	4	Un Pac pf	100	86⅛	86⅛	86⅛	86⅛
38⅞	25⅛	1.60	Un Tk Car	100	25¼	25¼	25¼	25¼
99	32⅛	..	Uni Air T	26800	36⅜	33½	36⅜	32½
77⅛	54⅞	3	Uni Air T pf	300	57⅛	55	57⅛	54⅛
58⅛	35	1.60	Uni Biscuit	6400	38⅜	37⅞	38⅛	38
84	30⅛	2	Unit Carbon	11400	33½	31⅞	33⅛	31⅞
52	20⅛	.50	Unit Corp	44000	23	21⅛	22⅛	20⅛
23⅛	46⅛	3	Unit Corp pf	1300	48⅛	48⅛	48⅛	48⅛
105	70	4	Uni Fruit	1200	73⅛	71	72	70⅛
49⅞	28⅛	1.80	Uni Gas Imp	23200	29⅞	28⅛	29⅛	28⅛
104⅛	97	5	Uni G Imp pf	300	102⅛	102¼	102⅛	..
32⅞	22	2	Uni Piece Dye	1800	24¼	23⅞	24⅛	23⅛
32⅞	9	..	US & For Sec	100	10	9⅛	9⅛	9⅛
103	27⅛	3	US Freight	1200	38⅛	33¼	36	..
139⅞	58⅛	6¶	US Ind Alco	200	61⅛	60	61	60⅛
15⅛	6	..	US Leather	1500	6⅛	6½	6⅞	6⅛
28	9	..	US Lea A	1500	9⅛	9⅛	9⅛	..
94	68	7	US Lea ppf	100	68	68	68	..
38⅛	18⅛	2	US Pipe&Fd	3000	26⅛	24⅞	26	23⅞
75⅛	32	3	US Realty	1200	34⅛	32⅛	34⅛	32
35	11	..	US Rubber	1500	12⅛	11⅛	12	12
63⅞	21⅛	..	US Rub 1pf	100	23	23	23	23
36⅛	17⅛	..	US Smelt	800	20	19⅛	20	19½
53⅛	42	3.50	US Smelt pf	200	43⅛	43⅛	43⅛	..
198⅞	144⅛	7	US Steel	57700	149⅞	146⅛	149⅛	145⅝
151⅛	141	7	US Steel pf	200	147⅛	147	147⅛	147
76	30	8	Univ Pict pf	40	50	43⅛	43	..
9	2⅝	..	Univ Pipe	100	2⅝	2⅝	2⅝	2¼
35⅞	20	2b	Util P&Lt A	3600	27	25	26½	24⅞
			—V—					
7⅛	½	..	Vadsco	100	1⅞	1¼	1¼	1¼
143¼	46⅞	3	Vanadium	33500	52½	48¾	51⅞	47⅛
8⅞	2½	..	Va-C Chem	600	2⅞	2⅝	2⅝	2½
34¼	18⅞	..	Va-C Ch 6%	1300	21	19⅞	21	20
107½	101	6	Va El&P pf	120	104½	104½	104½	104½
56	44	4	Vulvap	270	52½	47⅞	52½	48
100	85	7	Vulcan pf	50	92½	92½	92½	..
			—W—					
67⅞	21¼	..	Wabash	100	23	23	23	..
31⅛	24¼	1.50	Waldorf	500	25	24⅞	25	24⅞
42⅞	20	2	Walworth	700	20½	20⅞	20½	20⅞
54	21½	..	Ward Bk A	280	23½	23	23	23½
15⅞	4⅞	..	Ward Bk B	500	6	5½	6	5½
80¼	16⅞	..	Warner Br A	46200	22	20	21⅞	19⅞
27	7	..	Warner Quin	1700	7⅛	7	7	7
63½	32½	3	Warren Br	3300	34	32¼	34	32
43½	23⅞	2	Warren F&P	400	26½	23	26	26½
54½	50⅛	4	Wesson O pf	100	54	54	54	54
104	87⅛	6	W Pen El pf	60	99	99	99	..
111½	104⅜	6	W Pen P 6%	70	103½	108½	108½	101⅞
24⅛	4⅞	..	Wn Dairy B	300	5⅞	5⅞	5⅞	5½
36	14¼	..	Wn Md	2000	15⅞	14⅞	15	15⅞
38	14⅞	..	Wn Md 2pf	100	15	15	15	..
53⅛	26⅞	..	Wn Pac pf	200	30	29	30	30
219⅞	133¼	8	Wn Un	300	141	139½	141	138
52	33	2	Westg A B	300	33⅛	33	33⅛	33
201½	105⅞	5	Westg Elec	66000	113½	108⅞	112⅞	106⅞
197⅞	117	5	Westg El pf	570	120	117⅞	119⅞	118⅞
201⅛	105⅞	5	Westg El cash	200	114	113	114	..
43	37	2	White Mot	400	28½	27⅞	28½	28½
54⅞	38⅞	4¶	Whi Rock	200	44	43⅞	44	43
13⅞	3⅛	..	Whi Sew M	100	3½	3½	3½	3½
21	10⅞	..	Wilcox Oil	300	10⅞	10⅞	10⅞	10⅞
11	4	..	Willys-Over	3300	4⅞	4	4⅛	4½
7⅞	2½	..	Wilson	100	3⅛	3⅛	3⅛	2⅞
72⅞	51⅞	2.40	Woolworth	1800	61⅛	62	63⅞	61
164	67¼	..	Wor Pump	2200	80⅛	78	80	76
101	88	7	Wor Pump A	100	96⅛	96½	96½	96½
81	63⅛	4	Wrigley	100	63	63	63	66⅛
			—Y—					
77	34	2	Yale & T	100	35⅞	35⅞	35⅞	35⅞
33⅞	10⅞	..	Yel Truck	13400	13⅜	11⅞	13	10⅞
47	19⅛	3	Young S&W	400	20⅞	19½	20⅞	19¼
120	120	5	YB ct Blue	200	120	120	120	120
			—Z—					
16¾	3⅛	..	Zenth Radio	200	4½	4½	4½	4½

*Ex-dividend. †Ex-rights. ‡Ex-stock dividend. ¶Exclusive of stock dividend. §Exclusive of extras. aPayable in stock. bPayable in cash or stock. cPayable in scrip. dPaid to date in 1930.

New York Curb Market

By the Associated Press

INDUSTRIALS

Sales (in hundreds)		High	Low	12:30
1	Aero Sup B	5⅞	5⅞	5⅞
1	Alum Goods	15⅞	15⅞	15⅞
1	Am Austin Car	2¼	2¼	2¼
1	Am Br Bov Fd	7	7	7
3	Am Capital B	5	5	5
2	Am Cit P&L A	35	34⅞	34⅞
20	Am Cities P&L B	10¼	9½	9½
7	Am Com Pow A	17½	17½	17½
7	Am Com Pow B	39⅞	37	37
12	Am Cyan B	11⅜	10⅞	11⅜
1	Am Dept St	3	3	3
3	Am Equities	9⅛	9⅛	9⅛
72	Am & Fgn P war	22⅞	22	22⅞
10	Am Gas & El	89⅞	87¼	89
1	Am Gas & El pf	106	106	106
20	Am Invest B	6	6	6
4	Am Light & Trac	50⅝	50⅛	50⅛
1	Am Maracaibo	1¼	1¼	1¼
24	Am Nat Gas	8	7⅞	8
75	Am Sup Power	14⅞	14¼	14½
19	Am Ut & Gen B vtc	5⅞	5⅜	5⅞
1	Am Yvette	1⅞	1⅞	1⅞
2	Appalach Gas	7	6⅞	7
3	Ariz Globe	1-16	1-16	1-16
3	Ark Nat Gas	7⅞	7⅞	7⅞
13	Ark Nat Gas A	7⅞	7⅞	7⅞
1	Ark Nat Gas pf	7⅞	7⅞	7⅞
4	Asso El Ind Ltd	5⅛	5⅛	5⅛
10	Asso Gas & El A	24¾	24⅞	24½
1	Asso Gas & El pur rts	3	3	3
2	Asso Ray pf	46	46	46
1	Atl Sec Corp	11¾	11¾	11¾
6	Atlas Ply	15⅞	15⅛	15⅞
1	Atlas Util	5⅞	5⅞	5⅞
	B			
1	Bancom Corp	43½	43½	43½
6	Blue Ridge	5⅛	5⅛	5⅛
6	Blue Ridge cvt pf	34½	34¼	34¼
30	Braz Tr & Lt	26	23¼	25
	C			
1	Cable & Wire B	½	½	½
1	CAM Co vtc	¼	¼	¼
10	Can Marc Wirels	3	2¾	2¾
4	Carib Syn	1⅛	1⅛	1⅛
1	Celluloid Corp	13	13	13
5	Cent Pub Serv A	20½	20¼	20½
29	Cen States El	14	12⅞	13½
1	Chain Strs Dev	3	3	3
3	Chath Ph Al nv	16¼	16¼	16¼
1	Chesebro Mfg	119¾	119¾	119¾
104	Cities Service	24	23⅛	23⅞
2	Cities Serv pf	91	91	91
1	Cit Serv B pf	8¼	8¼	8¼
1	Cit Serv P 6% pf	89¾	89¾	89¾
1	Cleve Tract	9⅛	9⅛	9⅛
1	Colon Oil	3	3	3
7	Colum Oil & G vtc	7¾	7	7¾
1	Colum Pict vtc	28⅞	28⅞	28⅞
20	Comwlth & So war	2½	2½	2½
1	Commun Wat W	10	10	10
2	Cons Cop Min	2⅞	2⅞	2⅞
3	Cons G & E Balt	93	93	93
2	Cooper Bess pf A	40	40	40
1	Cord Corp	4⅝	4⅝	4⅝
4	Cosden Oil	5¼	5	5¼
2	Creole Pet	4⅛	4⅛	4⅛
6	Crocker & Wheel	9	8⅞	8⅞
1	Crown Cent Pet	¼	¼	¼
1	Crown C Intl A	9¼	9¼	9¼
	D			
3	De Forest	3⅛	3⅛	3⅛
1	Derby Oil	5	5	5
3	Detroit Aircraft	2⅜	2⅜	2⅜
1	Doehler Die-Cast	8	8	8
1	Duquesne Gas	6⅛	6⅛	6⅛
17	Durant Mot	1⅞	1⅜	1½
	E			
4	East States Pow B	19⅜	19	19½
1	East Util Asso cv	8⅛	8⅛	8⅛
10	Eisler Elec	6	5⅞	6
323	El Bond & Sh	53⅞	51⅞	52¼
1	El Bond & Sh pf	104⅛	104⅛	104⅛
1	El Bond & S 5% pf	93¾	93¾	93¾
18	El Jow Asso	16⅞	16	16⅞
8	El Pow Asso A	16½	15	16½
1	El P&L opt war	26⅛	26⅛	26⅛
2	Electric Share	13½	13⅛	13⅛
1	Electric Share pf	82⅞	82⅞	82⅞
6	Eng Gold Mines	½	½	½
7	Europe El deb rts	2	2	2
	F			
5	Fabrics Finish	⅜	⅜	⅜
1	Fan Farm Can	10	10	10
3	Fansteel	5¼	5¼	5¼
1	Farben Industries	34	34	34
1	Federated Met	11⅛	11⅛	11⅛
1	Ford Mot Can A	19½	19⅛	19½
†100	Ford Mot Can B	27	27	27
9	Ford Mot Ltd	16	15⅞	16
1	Founda For A	2½	2½	2½
4	Fox Theatre A	6½	6⅛	6⅛
	G			
1	Garlock Pack	16	16	16
2	Gen Avia Corp	9⅜	9⅜	9⅜
6	Gen Bak	2⅛	2	2
19	Gen Bak pf	34¼	33	34¼
1	Gen Thea Eq	16⅛	16⅛	16⅛
1	Gen Thea Eq cv pf	35⅞	35⅞	35⅞
12	Gilbert Co pf ww	32⅛	30	31⅞
1	Glen Alden Coal	70⅛	70⅛	70⅛
35	Golden Center Min	⅜	⅜	⅜
4	Goldman Sachs	10⅞	10⅞	10⅞
1	Gorham Mfg vtc	27	27	27
2	Gulf Oil Corp Pa	86	85⅞	86
	H			
2	Hap Candy St A	⅜	⅜	⅜
1	Hazeltine	15	15	15
4	Houston Oil	10⅞	10⅞	10⅞
2	Hudson Bay M&S	5⅝	5⅛	5⅜
7	Humble Oil	73⅞	73	73⅞
2	Hydro El Serv	29	23	29
	I			
4	Imp Oil Can	16⅛	15⅞	15⅞
2	Imp Oil Can reg	16	16	16
1	Ind Ter Ill A	18	18	18
2	Insull Util	24½	24½	24½
1	Ins Co Nor Am	58½	58½	58½
1	Intercoast Trade	10	10	10
7	Intercon Petrol	½	½	½
25	Internat Pet	14⅛	14⅛	14⅛
1	Inter Saf Raz B	13⅛	13⅛	13⅛
27	Inter Util B	7⅝	6⅞	7⅛
2	Intera Eq cv pf	26	26	26
1	Ital Superpow A	5⅛	5⅛	5⅛
	J			
1	Johnson Motor	10½	10½	10½
	K			
1	Kleinert	10	10	10
†100	Kopper G & C pf	102	101¾	101¾
	L			
2	Lackawanna Sec	38½	38½	38½
†50	L'Air Liquide	54⅞	54⅞	54⅞
10	Leonard Oil	1⅛	1⅛	1⅛
1	Loew's war	6⅞	6⅞	6⅞
2	Lone Star Gas	27⅞	27⅛	27⅞
3	Long Is Light	34½	34¼	34¼
1	Louis L & E	1¼	1¼	1¼
	M			
3	Marconi Int Mar	8¼	8¼	8¼
1	Mavis Bott	¾	¾	¾
3	Memphis Nat Gas	11¼	11¼	11¼
1	Mer Ch & S (1.60)	14½	14½	14½
5	Metal & Min (1.20)	2⅛	2	2⅛
4	Mid W Util (8%f)	23½	21⅞	22⅞
5	Midland St new (2)	16	16	16
6	Midvale Co (4)	60	60	60
10	Min Co Can	⅜	⅜	⅜
14	Mo Kan P L (10%f)	9	6⅞	9
3	Mo Kan PL B vtc	⅜	⅜	⅜
1	Mount Prod (1.60)	6⅞	6⅞	6⅞
	N			
14	National Am Co	7	7	7
1	Nat Bond & Sh (½)	32½	32½	32½
1	Nat Investors	7⅞	7⅞	7⅞
1	Nat Mfg & Strs	8	8	8
†50	Nat P&L 6% pf (6)	101	101	101
1	Nehi Corp	13½	13½	13½
2	New Bradford	2	2	2
1	New Mex & Ariz Ld	2⅜	2⅜	2⅜
7	Newmont Min	60½	59⅛	60
3	Newport Co	17	17	17
1	N Y Auction	5⅞	5⅞	5⅞
1	N Y Hamburg	27½	27½	27½
1	N Y Merchand	11½	11½	11
†25	N Y Tel 6½% pf	114	114	114
37	Niag Hud Pow	12⅞	12½	12⅞
20	Niag Hud P A war	2⅝	2⅛	2½
1	Niag Shares Md	9	9	9
3	Nipissing Mines	1	1	1
20	Noranda Mines	14	13⅞	14
1	Nor Am Avia A war	1½	1½	1½
2	Northam Warren pf	30	30	30
3	Nor European Oil	1½	1½	1½
3	North States P A	136	135⅛	136
	O			
15	Ohio Cop	⅝	⅝	⅝
2	Outboard Mot A	5	5	5
	P			
2	Pacific Pub Ser	25¼	25¼	25¼
2	Pacific West Oil	12½	12½	12½
1	Paramount Cab	4	4	4
24	Pennroad Corp	8¼	8¼	8¼
1	Pa Mex Fuel	18½	18¼	18½
4	Pa Wat & Pow	60	59⅞	60
†50	Pepperell Mfg	85½	85½	85½
8	Pitney Bowes	7	7	7
71	Prince & Whitely	2⅞	2½	2⅞
5	Prince & White pf	17⅞	17¼	17¼
†10	Prudence pf	95⅞	95⅞	95⅞
18	Pub Util Hold	9⅛	8¾	8⅞
8	Pub Ut Hold war	1⅜	1⅜	1⅜
	R			
2	Reybarn Inc	3	3	3
2	RockL&P tr ctf (.90)	19⅛	19⅛	19⅛
1	Roosevelt Field	2⅛	2⅛	2⅛
4	Rossia Intl	3⅜	3⅛	3⅜
2	Ruberoid Co (4)	43⅞	43⅞	43⅞
	S			
7	St Regis Paper (1)	16⅞	16¼	16⅞
2	Salt-Creek Prod (2)	7⅛	7⅛	7⅛
2	Seaboard Util (½)	4⅛	4⅛	4⅛
8	Segal Lock (½)	5⅛	5	5
15	Selected Indust	3½	3⅛	3½
4	Sel Ind al ctf (4⅛)	67¾	65	67
3	Shenandoah	6¾	6⅝	6⅝
3	Shenandoah pf (3r)	36⅛	36⅛	36⅛
†150	Silver (I) pf (7)	76⅛	76⅛	76⅛
3	Southern Corp	4⅛	4⅛	4⅛
1	South Penn Oil	26⅛	26⅛	26⅛
1	South Pipe	9	9	9
10	Southland Royalty	7⅛	7⅛	7⅛
1	Southwest Gas Ut	7⅜	7⅜	7⅜
†25	Spieg May S pf	25	25	25
1	Stahl Meyer	16⅜	16⅜	16⅜
5	Stand Mot	1⅛	1⅛	1⅛
37	Stand Oil Ind	41⅞	41⅞	41⅞
18	St Oil Ky	25	24⅞	24⅞
1	St Oil Neb	44⅛	44⅛	44⅛
†50	St Oil of Ohio	58⅛	58⅛	58⅛
3	St Oil of Ohio n pf	103	103	103
2	Starrett Corp	11⅝	11⅝	11⅝
2	Starrett pf	31⅛	31⅛	31⅛
2	Stutz Mot Am	1⅛	1⅛	1⅛
8	Swift Int	30⅛	30⅛	30⅛
	T			
1	Tampa El	53⅛	53⅛	53⅛
9	Technicolor Inc	13	12⅞	12⅞
1	Teck Hugh Gold	5⅛	5⅛	5⅛
1	Thatcher Sec	2⅛	2⅛	2⅛
2	Todd Shipyards	48⅛	48⅛	48⅛
1	Trans Lux D Pic A	7⅛	7⅛	7⅛
†1340	Tubize Chat Corp B	4⅛	4⅛	4⅛
*1	Tung-Sol Lamp	10⅛	10⅛	10⅛
	U			
2	Ungerleider Fin	21⅛	21⅛	21⅛
1	United Corp war	10	10	10
44	Unit Founders	10	10	10
38	Unit Gas new	9⅝	9⅛	9½
3	United Gas war	4⅛	4	4⅛
1	United Gas pf	92⅞	92⅞	92⅞
19	Un Pw&Lt A	29½	28⅞	29½
2	Un Lt&t B	71	70½	70½
1	Un Lt&Pw cv pf	100⅛	100⅛	100⅛
1	US Dairy Prod A	62	62	62
3	US Elec Pw	4⅛	4⅛	4⅛
2	US Foil B	7	6⅞	7
1	Utility Equities	8	8	8
6	Util Pow & Lt	12⅛	11⅝	12⅛
	V			
22	Vacuum Oil	61½	60⅛	60½
4	Venezuelan Pet	1⅜	1⅜	1⅜
1	Vick Finance	6⅝	6⅝	6⅝
	W			
2	West Va C&C	1¼	1¼	1¼
	Y			
1	Y Oil & Gas	⅝	⅝	⅝

DOMESTIC BONDS (Sales in $1000)

Sales		High	Low	12:30
3	Ala Pow 5s'68	104	104	104
8	Ala Pow 5½s'67	99¼	99¼	99¼
1	Alumin Co 5s'52	104	104	104
2	Alumin Ltd 5s'48	100½	100½	100½
1	Am Cmwlth Pw 6s'40	88	83	88
7	Am G & E 5s 2028	100	100	100
2	Am Uow & L 6s 2016	108⅛	108⅛	108⅛
2	Appalach Gas 6s B '45	82	82	82
5	Ark Pw & Lt 5s'56	100⅛	100⅛	100⅛
6	Asso Elec 4½s'53	91¼	90¾	90¾
10	Asso G & E 5½s'38	82	81	82
3	Asso G & E 5s'50	84½	84⅜	84½
1	Asso G&E 5½s '77	97½	97½	97½
2	Asso G&E 5s '68	84	84	84
16	Asso G&E 4½s C '49	79⅞	79½	79½
1	Assoc Tel U 5½s C '44	92¾	92¾	92¾
5	Bell Tel Can 5s B '57	104⅜	104⅛	104⅜
5	Calif Pack 5s '40	99⅞	99⅞	99⅞
2	Caro P&L 5s '56	102⅜	102⅜	102⅜
10	Cater Trac 5s '38	100	99⅞	100
3	Cent St El 5½s '54	73⅞	73½	73⅞
2	Cent St El 5s '48	72	71½	71½
7	Cities Ser 5s '66	82⅞	82⅞	82⅞
200	Cities Ser 5s '50	91⅛	90⅞	91⅛
4	Cities S G Pipe Cr 43	92	92	92
4	Cleve El Ill 5s A '54	105½	105½	105½
17	Cont G&E 5s A '58	86⅛	86⅛	86½
12	Cont Oil 5½s '37	97⅞	97⅞	97⅞
1	Crane Co 5s '40	101⅛	101⅛	101⅛
4	Dix G G 6½s R '37 ww	93	91	91
1	East U Inv 5s A '54	73	73	73
10	Elec P & L 5s 2030	89½	89½	89½
6	Emp O & R 5½s '42	88	88	88
3	Fed Wate 5½s '54	90¾	90¾	90¾
5	Fla Pow & L 5s '54	86	86	86
5	Geo Pow 5s '67	101	101	101
1	Grand T 6½s '36	108¼	108¼	108¼
10	Hood Rub 7s '36	84	84	84
5	Ind P&L 5s A '57	101	101	101
5	Inland Ut 6s '34	96	96	96
11	Insull Ut Inv 6s B '40	96⅛	96	96⅛
2	Inter P 6s A '48 ww	64	62	62
3	Inter Sec Am 5s '47	80	80	80
3	Invest Co 5s A '47 xw	79½	79½	79½
1	Invest Eq 5s A '47 xw	74½	74½	74½
1	Jer C P&L 5½s A '45	103	103	103
11	Kop Gas&C 5½s '50	102⅞	102⅞	102⅞
2	Lehigh PS 6sA2026	105⅛	105⅛	105⅛
5	Louis P & L 5s '57	100⅞	100⅞	100⅞
1	Mead C 6s A '45 ww	95⅛	95⅛	95⅛
13	Mid W Util 5s '32	101	100½	100⅞
20	Mid W Util 5s '34	98½	98	98
1	Mid Sta Pet 6½s A '45	57½	57½	57½
1	Midland N Gas 6s '35	98½	98½	98½
72	Milw G&E 4½s '67	102⅜	102⅜	102⅜
1	Minn P&L 4½s '78	95¼	95¼	95¼
5	Minn G&Lt 4½s '50	94	94	94
15	Miss RivP 6s '44 ww	113⅛	113⅛	113⅛
12	Miss Pw&Lt Co 5s '57	98	97⅞	97⅞
2	Nat P&L 6s A 2026	107	107	107
3	Nat Pub Serv 5s '78	74⅞	74	74⅞
6	Neb Pw 6s A 2020	108⅞	108⅞	108⅞
90	N E Gas & El 5s '50	90	89⅞	89⅞
12	N E Gas&El 5s '47	92	91⅜	91⅜
1	NY P&Lt 4½s '67	97	97	97
2	Nor Ind P S 5s '69	103¼	103¼	103¼
1	Nor Tex Ut 7s '35xw	99⅞	99⅞	99⅞
12	Ohio Edison 5s '60	101⅛	101⅛	101⅛
5	Okla G&E 5s '50	101⅛	101⅛	101⅛
2	Ontario Pow 5½s '50	93⅛	93⅛	93⅛
2	Oswego Riv Pw 6s '31	101	101	101
1	Pac G&E 6s B '41	110⅛	110⅛	110⅛
7	Pac P & L 5s '55	99⅛	99⅛	99⅛
3	Penn O Ed 6s '50 xw	104⅛	104⅛	104⅛
1	Penn P&Lt 5s B '52	103	103	103
3	Peop Lt&P 5s '79 ww	80⅛	80	80
3	Pitt Cin SL 4½s '77 C	101	100⅞	101
17	Piedmont El 6½s '60	84	82½	84
2	Poor & Co 6s '39	100	99⅞	99½
20	Portland G E 4½s '60	93⅜	93⅜	93⅜
5	Pw Crp Can 4½s B '59	88	88	88
3	Pug Sd P&L 5s C '50	100	100	100
3	Saxet Crp 6s A '45	99	98⅞	98⅞
3	Scripps 5½s '43	88⅛	88⅛	88⅛
14	Servel Inc 5s '48	70	70	70
10	Shawin W&P 5s C '70	103½	103½	103½
2	Shaw W&P 4½s A '67	97⅜	97⅜	97⅜
30	Shaw W&P 4½s D '70	97⅛	97⅛	97⅛
3	SEP&L 6s A 2025 xw	106⅛	106⅛	106⅛
1	SW Dairy 6½s '38 ww	98⅛	98⅛	98⅛
	Swift & Co 5s '40	100⅞	100⅞	100⅞
4	Tenn Pub Serv 5s '70	96⅞	96⅞	96⅞
1	Tex City Gas 5s '48	76	76	76
10	Tex El Serv 5s '60	96⅞	96⅞	96⅞
2	Tex Gas Util 6s '45	88	88	88
7	Tex P & Lt 5s '56	101⅛	101⅛	101⅛
1	Thermoid 6s '34	82⅛	82⅛	82⅛
6	Un Gulf Cp 5s '50	101⅛	101⅛	101⅛
12	Van Sweringen 6s '35	92	90⅛	90⅛
1	Waldorf Ast 7s '54	83	83	83

MARKETS AT A GLANCE

By the Associated Press

NEW YORK

Stocks: Strong; high-grade shares lead rise.

Bonds: Irregular; prime issues steady.

Curb: Firm; utilities rally 1 to 3 points.

Foreign Exchanges: Firm; German mark strong.

Cotton: Higher; unfavorable weather Southwest.

Sugar: Steady; Cuban support.

CHICAGO

Wheat: Firm; decreased visible and cold wave Canada.

Corn: Firm; bullish husking returns and firm cash market.

Cattle: Steady to lower.

Hogs: Lower.

Sales		High	Low	12:30
3	W Tex Ut 5s A '57	95⅜	95⅜	95⅜

FOREIGN BONDS (Sales in $1000)

Sales		High	Low	12:30
4	Baden Con Mun 7s '51	80	79¾	79¾
1	Brisbane 6s '50	93	93	93
1	Cent Bk Ger 6s B '51	73	73	73
5	Com Pr Bk 5½s '37	84½	84	84
5	Danish Con 5½s '55	99	99	99
5	Danish Con 5s '53	95	95	95
1	Europ Elec 6½s '65 xw	74	74	74
1	Fin Ind Bk 7s '44	95	95	95
17	Ger Cons Mun 6s '47	74¼	74¼	74¼
15	Gov Dom of Can 4s '60	95¼	95¼	95¼
6	It Sup Pow 6s A '63xw	67½	67	67½
10	Mendoza Pr 7½s '51	82	81	82
5	Saxon Pub W 5s '32	91½	91½	91½
5	Stinnes 7s '36 xw	77⅛	77⅛	77⅛
6	Sydney NSW 5½s '55	80½	80½	80½
1	Unit El Serv 7s '56xw	85⅛	85⅛	85⅛
5	Un Indust 6½s '41	81	80	80

†Actual sales. *Ex-dividend. A—Plus extra in stock. F—Payable in stock. G—Partly extra K—Paid so far this year. R—Cash or stock. WI—When issued. WW—With warrants. XW—Without warrants.

SUBSTANTIAL GAINS IN CHICAGO WHEAT

CHICAGO (AP)—Wheat scored substantial gains in price here early today. The advance followed news that the amount of wheat available for delivery on contracts at Liverpool was very small, and that Russian wheat was not tenderable on Liverpool contracts.

Opening ⅛c to 1c higher, Chicago wheat future deliveries made additional gains quickly. Corn and oats sympathized with wheat price upturns, corn starting at ⅛c off to ⅞c up, and afterward showing a rise all around.

Opening prices were: Wheat, December, old 77⅞@78½c, new 78½c; March, old 81¾@82c, new 82c; May, old 84⅞@¼c, new 84⅝@¾c; July, new 85c. Corn, December, old 77@¼c, new 77@¼c; March, old 78⅞c, new 80⅞@¾c; May, old 81⅜@⅞c, new 81⅞@82c; July, new 82¼c. Oats, December, old 36⅝c, new 36⅞c; March, old 38¼c; May, old 39½c, new 39⅞c.

Wheat closed firm 1 to 1⅛c a bushel higher than Saturday's finish. Corn closed 1⅜ to 2⅛c up, oats ⅜ to ⅝c advanced, and provisions varying from 5c decline to a rise of 17c.

NEW YORK COTTON

(Reported by Clark, Childs & Co., Boston)

	Open	High	Low	Last Sale	Prev. Close
October	10.30	10.30	10.25	10.30	10.17
December	10.40	10.45	10.39	10.42	10.31
January	10.55	10.55	10.50	10.55	10.43
March	10.80	10.83	10.74	10.79	10.69
May	11.01	11.05	10.95	11.01	10.88
July	11.20	11.25	11.13	11.21	11.07

Spots 10.45, up 20 points. Tone at close steady.

Chicago Cotton

	Open	High	Low	Last	Prev. Close
October	10.28	10.28	10.28	10.28	10.20
December	10.48	10.54	10.48	10.51	10.42
January	10.63	10.69	10.62	10.66	10.56
March	10.96	10.96	10.85	10.88	10.78
May	11.90	11.12	11.06	11.08	10.99
July	11.26	11.28	11.22	11.23	11.15

Tone at close steady.

New Orleans Cotton

	Open	High	Low	Last	Prev. Close
October	10.15	10.25	10.15	10.23	10.11
December	10.39	10.48	10.39	10.45	10.35
January	10.50	10.60	10.50	10.56	10.45
March	10.82	10.84	10.75	10.80	10.70
May	11.01	11.03	10.95	11.01	10.90
July	11.16	11.23	11.12	11.20	11.08

Tone at close, steady.

Liverpool Cotton

	Open	High	Low	Last	Prev. Close
October	5.53	5.55	5.53	5.54	5.51
December	5.58	5.61	5.58	5.61	5.59
January	5.66	5.70	5.65	5.67	5.66
March	5.77	5.81	5.76	5.78	5.77
May	5.88	5.90	5.85	5.88	5.86
July	5.95	5.93	5.94	5.97	5.95

Spots 5.79, up 4 points. Tone at close quiet but steady. Sales, 6000; (American), 2200.

CHICAGO BOARD

(Reported by Clark Childs & Co., Boston)

Wheat	Open	High	Low	Close
December	.77⅝	.79¼	.77⅝	.79¼
March	.82	.83⅝	.81¾	.83
May	.84¼	.85¼	.83⅝	.85
Corn				
December	.77½	.79	.76⅝	.78⅜
March	.78⅜	.80⅞	.78⅜	.80½
May	.81⅜	.83¼	.81¼	.83⅛
Oats				
December	.36⅝	.36¼	.35⅞	.37
March	.38¼	.38⅞	.38⅛	.38¾
May	.39½	.40½	.39⅞	.39⅞
Lard				
October	11.20	11.25	11.17	11.17
December	10.43	10.50	10.12	10.50
January	10.45	10.50	10.37	10.37

Kansas City Wheat

	High	Low	Last
December	.73¾	.71⅞	.73½
May	.78¾	.77	.78½

Winnipeg Wheat

	High	Low	Last
October	.72⅛	.71¼	.72⅛
December	.74¼	.72½	.73⅞
May	.79⅛	.78⅜	.79⅜

COTTON UNDERTONE STEADY

NEW YORK (AP)—Cotton showed a generally steady undertone again today owing to improving trade reports from Manchester and the domestic goods markets and comparatively light offerings. An opening advance was followed by partial reactions under southern selling and liquidation, but the market steadied up again with new December selling at 10.46, and March at 10.85 around 2 o'clock, or about 12 to 17 points net higher.

WALDORF SYSTEM, INC.

Waldorf System, Inc., reports for the quarter ended Sept. 30, 1930, net profit, after all charges and taxes, of $264,150, equal, after preferred dividends, to 55 cents a share on 461,610 shares of common stock. This compares with net a year ago of $263,853, or 54 cents a common share after preferred dividends, and with net of $141,511, or 27 cents a share, in the September, 1928, quarter.

PESETA VALUE IMPROVES

MADRID (AP)—The peseta improved further today, banks making transactions at the rate of 9.95 to the dollar, compared to the low mark of 10.70 reached last week.

Authorities believed that the betterment was due to the lesser strike agitation over the country and the quieting of the political situation, plus efforts by the Government to prevent speculation.

LONDON QUOTATIONS

LONDON (AP)—Consols for money today were 57⅞. De Beers was 6⅛. Rand Mines 2⅜. Bar silver was 16⅞d. an ounce. Money was 1½ per cent. Discount rates on short bills were 2⅛ per cent; three months 2⅛ to 2⅛ per cent.

STOCK EXCHANGE SEAT SALES

NEW YORK—Arrangements have been made for the sale of two New York Stock Exchange memberships, one at $217,000 and the other at $220,000. The last previously arranged sale was at $230,000.

STEEL TRADE CONTINUES IN DOWN TREND

Prices Decline—Rail Buying Below Normal—Structural Demand Good

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NEW YORK—Generally speaking, to find distinctly optimistic developments in the steel industry at this time is difficult. However, the leading impression gained over the last week is that the minor consumers of steel are giving a much better account of themselves.

Miscellaneous manufacturers who employ steel as their major raw material, are giving cheerful reports of business. This is being translated into resumption of idle mills, hiring of more men, working longer hours and even planning plant additions.

Purchasing of steel rails has been better this week, though so far the fall rail purchasing movement is below normal. This season of the year is known as the primary buying movement. Steel makers are hopeful that the secondary buying movement early next year will be larger than normal. Railroad purchasing officials are unusually conservative this year, and are buying only for needs in sight instead of anticipating wants.

Structural Call Good

Fabricated structural steel business continues the backbone of consumption. Awards last week were nearly 60,000 tons, one of the best week's tonnages of the year, the largest award having involved 16,000 tons for two bridges over the Passaic and Hackensack Rivers in New Jersey for the state highway commission. New inquiries for structurals have also been substantial.

Steel operations have declined to 55 per cent of capacity from 58 per cent a week ago. Generally steel consumers are very cautious about purchasing, partly because of stock market declines and business hesitancy in general.

The steel price tendency has been more pronouncedly downward during the last week. Average prices for finished steel have sunk to new low levels since 1922, while pig iron prices are the lowest since 1915.

Costs of assembling raw materials in the steel industry, where the railroads and not water shipments are depended upon, are higher than during 1915 or 1922.

Steel Sheets Weak

The chief weakness has been in steel sheets, in which commodity there is still the most flagrant overcapacity for production. Galvanized sheets are selling no higher than 3c a pound, Pittsburgh, and black sheets have sold as low as 2.35c, which is about $2 a ton lower than official price levels. Iron and steel scrap, a barometric steel item, has sagged slowly in price levels.

The sharp competition for pig iron business is said to have brought forth some low levels. Basic pig iron is said to have sold at $10 a ton, furnace, while eastern Pennsylvania foundry iron has sold at $17, furnace. These low prices are doubted in some quarters, but have been reported by reliable observers.

The largest purchase of steel rails during the week involved 45,000 tons for the Union Pacific, which will still purchase $1,500,000 worth of track fastenings. The Erie has entered the market for 40,000 tons, while the Chicago & Northwestern will probably issue an inquiry for about 30,000 tons about Nov. 1.

Pig Iron Business Drops

Pig iron business has subsided sharply from that during the latter half of September. In fact, quiet conditions are expected until the middle of next month by which time consumers should be ready to contract for the bulk of their first quarter needs. Southern makers were said to have become more aggressive for business and were reported to have made sales of foundry iron for shipment to western New York.

Virtually all of the western Pennsylvania merchant iron furnaces are said to be out of blast. With respect to the curtailing of production, the iron industry has been more fortunate than producers of other basic metals. Pig iron stocks are not highly excessive.

Automobile production in September was 3 per cent less than during August, which is perhaps a better showing than had been expected in many quarters. The outlook is for a total 1930 production in the United States and Canada of about 3,500,000 cars and trucks.

New Gas Line Project

A new gas line project involves 22-inch pipe frim Kentucky to Detroit, a distance of 400 miles. A water line for Seattle will require 10,000 tons of plates. A large tonnage of steel plates will be required for the airplane carrier, awarded by the Navy Department to the Newport News Shipbuilding & Drydock Company.

There have been several large tonnage projects appearing in steel of late, which helps to tone down the somewhat depressed feeling existing.

The non-ferrous metals gave greater evidences of stability over the past week. Copper is still unchanged at 10c for home delivery and 10.30c c. i. f. European ports. No further declines have been recorded in lead following reductions by $8 a ton in the previous fortnight.

Zinc was sinking somewhat at the fore part of the week, reaching 3.95c a pound, East St. Louis, the low point since 1902, but was steady the latter half. Tin reached 24⅝c a pound early in the week, the lowest since 1902 also, but by the end of the week quotations were 2c per pound higher. Lead buying is better, with prices at the lowest since 1922.

CHICAGO STOCKS

Sales		High	Low	Last Oct.18	Last Oct.17
450	Acme Steel	43½	42	42	43½
200	Address Int'l	31	30	31	30
350	Art Metal Wks.	5⅛	5	5	5⅛
500	As Tel Util	21½	21	21⅛	22
50	Brown Fence	21	21	21	..
50	Burnham Trad.	2⅛	2⅛	2⅛	2½
450	Butler Bros.	7⅝	7⅛	7⅛	7⅝
1100	Cent Pub S A	21	19⅞	21	20
500	Chicago Corp.	6¾	6	6½	6¾
2200	Chi Corp pf.	41⅛	40¾	41	41⅛
500	Chi Inves.	5	4¾	4¾	5⅛
800	Common Edis.	255	252½	255	255
1850	Cont Chgo	10⅞	10¼	10¼	10⅞
1800	Cord Corp	5	4⅛	4⅞	4⅞
1100	El House Ut	29½	26¼	27½	31
150	Gleaner C Har.	22⅛	22	22⅛	23
100	Grt Lakes Air.	3¼	3¼	3¼	..
50	Hormell & Co.	28¼	28¼	28¼	..
700	Inland Util	19⅞	19	19⅞	20
13300	Insull Ut Inv.	45½	44¾	45	45¼
200	Kellogg Switch.	5¾	5½	5½	5⅝
50	Keystone Steel.	11⅛	11⅛	11⅛	..
800	Libby,McNeil	11⅞	11	11⅞	12
200	Manh Dearborn.	25⅞	25½	25⅞	26
500	Mer & Mfr A	21⅝	20½	21	21½
28300	Mid Utilities	22¼	21⅝	22	22¼
650	Mid Ut pf.	99	99	99	100
1400	Mo-Kan Pipe	9¼	8	8	10
100	Morgan Lith	7	7	7	6½
1500	Nat Sec Inv	8½	7	8½	9
50	No Am Car	33	33	33	..
1250	N A Lt & Pwr.	63	62½	63	62¾
100	Polymet Mfg	3	3	3	3¼
200	Ross Gear	21	20	20	22
300	Sangamo Elec	28	27	28	29
1600	Seabd Ut Shares	4⅝	4⅜	4⅝	4⅝
100	Stand Dredge.	8¼	8¼	8¼	8½
100	St Dredge cv pf	17⅞	17	17⅞	17½
50	Steinite Radio.	⅝	⅝	⅝	..
990	Swift Int'l	28¾	28⅛	28¾	28⅞
700	Swift Int'l	31	30⅛	30⅛	31
250	Unit C Am pf.	8	7¾	7¾	7⅞
300	U S Gypsum	38¼	38	38	38¾
100	U S Radio	16⅛	16⅛	16⅛	16¾
750	Util & Ind.	9⅝	9	9¼	9½
500	Ut & Ind pf.	20⅝	20	20⅝	20¼
350	Vortex Mfg.	20	19½	20	20¼
500	Vortex Mfg A.	25¾	24	25	25

Total sales 128,400.

DIVIDENDS

Skelly Oil Company declared the regular quarterly dividend of 50 cents, payable Dec. 15 to stock of record Nov. 14.

New River Company declared a preferred dividend of $1.50 a share, payable Nov. 1 to stock of record Oct. 22. This is the dividend due May 1, 1923.

New Orleans, Texas and Mexican Railway Company declared the regular quarterly dividend of $1.75, payable Nov. 30 to stock of record Nov. 14.

Hamilton Watch Company declared the regular monthly dividend of 15 cents on the common and the regular quarterly dividend of $1.50 on the 6 per cent preferred, the common payable Nov. 29 to stock of record Nov. 10 and the preferred Dec. 1 to stock of record Nov. 10.

Halle Brothers Company declared the regular quarterly dividends of 50 cents on the common and $1.62½ on the preferred stock, payable Oct. 31 to stock of record Oct. 24.

George Westons, Ltd., Toronto, Can., declared the regular quarterly dividend of $1.75 on the preferred, payable Nov. 1 to stock of record Oct. 20.

Monarch Knitting Co., Ltd., Toronto, Can., declared the regular quarterly dividend of $1.75 on the preferred, payable Nov. 1 to stock of record Oct. 23.

COMMODITY PRICES

SPECIAL FROM MONITOR BUREAU

NEW YORK—Following are commodity prices quoted on the floor of the New York Produce Exchange, and comparisons with last week and a year ago:

	Oct. 20	Oct. 14	Yr Ago
Wheat, No. 2 red	$.99⅝	$.95¾	$1.39¼
Corn, No. 3 yellow	1.01¼	.97⅞	1.09⅝
Oats, No. 2 white	.47½	.47	.57½
Flour	4.55	4.70	6.45
Beef, family	20.00	20.00	29.00
Pork	32.50	32.50	29.50
Lard	.1215	.1205	.1155
Cotton, mid-up	.1030	.1035	.1800
Zinc	.0395	.0410	.0675
Iron	18.76	19.76	22.26
Steel, bil Pitt	31.00	31.00	35.00
Copper	.10	.10	.18
Tin	.2558	.2537½	.4050
Rubber	.0800	.0800	.1970
Sugar	.0415	.0445@55	.0550
Lead	.0510	.0515	.0690
Print Cloth	.0425	.0450	.0525

KELLYS will stand extraordinary punishment, if necessary. You can put your car over that terrible stretch of road with confidence; your Kellys will grip like irritated cats, they'll iron out bumps, and it takes an awful lot to puncture them. That's all part of Kelly satisfaction.

Kelly-Springfield Tire Company
General Motors Bldg., New York, N. Y.

KELLY SPRINGFIELD

New York Bond Market

(Quotations to 2:30 p. m.)

	High	Low
Ab Straus 5½s '43	101	101
Ajax Rubber 8s '36	25	25
Alleghany 5s '44	91½	91
Alleghany 5s '49	92	91
Alleghany 5s '50	88½	87
Am For Pow 5s	91	90½
Am I G Chem 5½s ct '49	102	101½
Am Inter 5½s cv '49	94½	94½
Am Metals 5½s	95½	95½
Am Smelting 5s '47	101⅝	101⅝
Am Sugar Refining 6s '37	103⅛	103⅛
Am T&T 4½s cv '39	148	148
Am T&T col 5s '46	106	106
Am T&T 5s '65	107	107
Am T&T sf 5s '60	106¼	106
Am T&T deb 5½s '43	109	108⅞
Am Type Founders 6s '40	106	106
Am WW&Elec 5s '34	103⅝	103⅜
Am WW&Elec deb 6s '75	106¾	106¾
Am Writing Paper 6s '47	70	70
Armour & Co 5½s '43	74¾	74¼
Armour & Co Ill 4½s	91	89½
Atch T&SF 4½s	122	121¾
Atch T&SF 4s 1995	96¾	96¾
Atlanta & Danv 1st 4s '48	50¼	50¼
B&O 1st 4s '48	97½	97½
B&O 4½s '3	101¼	101½
B&O 4½s cv	98⅝	98½
B&O rfg 5s '95	103	102⅞
B&O 5s ct Swn div	103⅛	103
B&O 6s	109¼	108½
Bangor & Aroos 4s '51	91	91
Bell Tel of Pa 5s '60 C	111½	111½
Beth Steel pur mon 5s '36	102	102
Beth Steel rfg 5s '42	103¾	103
Bing & Bing 6½s '50	92	92
Boston & Me 5s '55	101	101
Boston & Me 5s '67	102¾	102½
Bow-Biltmore s f g 7s '34	102	102
Broadway con	7	7
Bklyn-Man Tr sf 6s '68	99⅝	99
Bklyn City 1st	86⅝	86⅝
Bklyn Un El 1st 5s '50	91½	91½
Bklyn Un Gas 5s '50	104	103⅝
By Products 5½s C	104	103¼
Camaguey Sugar 1st 7s '42	40	40
Can Nat Ry 4½s '57	99¾	99⅝
Can Nat Ry 4½s '68	100	100
Can Nat Ry 5s Oct	105	105
Can Nat Ry 5s '70	105	105
Can North sf 7s '40	112	111¾
Can Pacific deb 4s	89¼	89¼
Can Pacific 4½s '46	101	101
Can Pacific 5s '54	104¼	104¼
Can Pacific 4½s '60	99	98⅞
Can South con 5s '62	108½	108½
Carolina Clin & O 5s '38	102½	102½
Cen N E 4s	86¼	86¼
Certainteed 5½s rcts '48	39¾	39½
Ches Corp 5s '47 rcts	100¼	100⅛
Ches & Co con 5s '39	104⅝	104⅝
Ches & O 4½s B	101½	101
Chi B & Q 4s Ill div '49	97½	97⅛
Chi B & Q rfg 5s '71	108⅝	108⅝
Chi & East Ill 5s '51	44	40½
Chi Gt West 4s '59	69½	69½
Chi Ind & L gen 5s '66	101½	101½
Chi Ind & L gen 6s '66	106⅞	106⅞
Chi M StP&Pac adj 2000	38¾	38
Chi M StP&Pac 5s '75	79½	79⅛
Chi & Nw 4½s C	98	97¼
Chi & Nw 4¾s cv	94⅞	94¼
Chi & Nw gen 5s '87	108	107⅞
Chi RI&P gen 4s '88	94¼	94¼
Chi RI&P rfg 4s '34	33⅛	33⅛
Chi RI&P 4½s A	95½	95½
Chi RI&P 4½s cv	95	95
Chi Un Sta 6½s C '63	116¼	116
Chi Ind 6s '66	106⅞	106⅞
Chile Copper 5s '47	91	90¼
Cen Ind 4s reg	94	94
Cin T 4½s	102⅝	102½
Clev CC&StL gen 4s '93	95¼	95¼
Clev Marietta 4½s	99¾	99¾
Clev Un Term 5s '73	106⅞	106⅞
Clev Un Term 5½s '72	111	111
Colo & So rfg 4½s A	98½	98½
Colon Oil 6s	62	60
Columbia Gas & E 5s '52 Apr	103	103
Columbia Gas & E 5s '52 May	103	103
Com Inv Trust 5½s '49	94¼	94
Com Inv Trust 6s '48	120¼	120¼
Con Coal (Md) rfg 5s '50	35	35
Con Gas 5½s '45	106½	106½
Crown Wil Paper 6s '51	97	97
Cuba Cane Sug Prod deb	11⅝	11
Cuba Nor Ry 5½s '42 rcts	45	45
Cuban Dom 7½s '44	15	15
Cumberland T&T 5s '37	102⅞	102⅞
Curamel Fruit 6s '40	104½	104¼
Del & Hudson rfg 4s '43	96⅝	96⅝
Del & Hudson cv 5s '35	101½	101½
Del & Hudson 5½s '37	105½	105½
Den & Rio G Wn 5s '55	80	79
Detroit Ed rfg 5s '40	104	104
Detroit Ed rfg 6s '40	106⅝	106⅜
Dodge Bros sf 6s '40	85½	84
Duquesne P & L 4½s '67	103½	103⅛
East Tenn Va con	107½	107½
Edison Ill of NY 5s	114	114
Elk Horn Coal 6½s	79	79
Erie 1st con 4s '96	88	87½
Erie Gen '75s	89	88½
Fed Lt & Trac 5s '42	98¾	98¾
Fed Lt & Trac 5s '42 sta	98⅝	98⅝
Fla East Coast 5s '74	38	38
Gal Har & San A 1st 5s '31	100¼	100¼
Gen Baking 5½s	98¾	98¾
Gen Mot Acc Corp 6s '37	102½	102¼
Gen Pet 5s '40	102	102
Gen Pub Svc 5½s '39	95	95
Gen Steel Cast 5½s ww	99⅝	99⅝
Gen Theater 6s	87⅞	87
Goodrich 6½s	100	99⅝
Goodyear 5s '57	87	86½
Goodrich 6s	88⅝	88⅝
Gould Coupler 6s '40	71	71
Great Northern 1st	98⅞	98⅞
Great Northern 5½s '52	110½	110½
Great Northern 7s '36 A	111¼	111
Gulf States Steel 5½s '42	91	91
Havana Elec deb 5½s '51	41	41
Houston Oil 5½s	97	97
Hudson Coal 5s '62	55⅝	55½
Hudson & Man adj 5s '57	79½	78⅞
Hudson & Man rfg 5s '57	100	99⅝
Humble Oil 5s '37	102	102
Humble Oil 5½s '32	102½	102¼
Ill Bell Tel rfg 5s '56	105⅞	105¾
Ill Cen 4s '53	89	89
Ill Cen 4¾s '66	99⅝	99½
Ill Cen 6½s '36	111⅛	111⅛
Inland Steel 4½s '78	97½	97
Inter Hydro 6s	97	96⅝
Inter Match Corp 5s rcts '47	100⅝	100⅝
Inter Rap Tran rfg 5s '66	70⅞	70
Inter Rap Tran 5s sta '66	70½	70½
Inter Rap Trans 7s '32	90½	90
Int Ag col 5s sta '32	77⅞	77⅞
Int Ag col 5s '32 (ext '42)	97⅞	97⅞
Int Cement Corp 5s '48	98⅝	98⅝
Int & G Nor 6s '52	95	95
Int & G Nor adj 6s '52	63	58
Int Mer Mar col 6s '41	101½	101⅜
Int Paper rfg 5s A '47	78	78
Int Rys Cen Am 5s '72	66	66
Int Tel & Tel 4½s cv '39	93	92
Int Tel & Tel 5s	86¼	85½
Kan City Pow & Lt 5s '52	105½	105½
Kan City So 1st 3s '50	80⅛	80⅛
Kan City Term 1st 4s '60	97⅝	97⅝
Kan Gas 4½s	95¼	95¼
Kentucky Int T 4½s ctpd	94	94
Laclede Gas 5½s D	103¼	103¼
Laclede Gas 5½s C	105	104⅞
L'Autaro 6s '54	63	62½
Lehigh Val con 4s 2003	92¾	92¾
Lehigh Val Coal 5s '33	101⅛	101⅛
Lehigh Val Harbor 5s '54	106½	106½
Loew's Inc 6s '41 ex-war	100	100
Long Island rfg 4s '59	95⅝	95½
Louis Ark 5s	75	75
Louis & Jeff Bridge 4s '45	94	94
L&N uni 4s '40	98⅛	98⅛
L&N rfg 4½s C 2003	101⅞	101⅞
Manati Sug 1st 7½s '42	33	33
May Dep't 6s	102½	102½
Met Edison 4½s	101	101
Met Edison rfg 5s '53	104¾	104¾
Met W S 4s	81	81
Midvale Steel col 5s '36	101½	101½
Mil El Ry & Lt 4½s '31	105⅛	105⅛
Min & StL con 5s ct	23	23
Min StP & SSM 6½s '31	101⅝	101⅝
Mo K & T 1st 4s '90	89¾	89¾
Mo K & T pl 4s B '62	93⅛	93⅛
Mo Pac gen 4s '75	77	76
Mo Pac 5s F '77	100	99⅞
Mo Pac 5s G '78	100	99⅞
Mo Pac 5s H	99⅞	99⅞
Montant Power rfg 5s '43	104	103¾
Mortgage Bond 5s '32	98	98
Morris & Co 1st 4½s '39	80	79
Murray Body 6½s '34	99	99
Nash Chat & StL 4s '78	96	96
Nassau Elec con 4s '51	55⅛	55⅛
Nat Dairy Prod 5¼s '48	100	99¾
N O T & M 5s B '54	98	97½
NYC&HR gen 3½s '97	86	85½
NYC&HR con 4s '98	100⅝	100⅝
NYC&HR deb 4s '34	96⅝	96⅝
NYC&HR rfg & im 4½s 2013	101⅝	101⅝
NYC&HR rfg & im 5s 2013	107⅝	107⅝
NY Chi & StL 1st 4s '37	99¼	99¼
NY Chi & StL 4½s '78	95	94
NY Chi & StL 5½s A	107	106¼
NY Chi & StL 6s '32	102	102
NY Chi & StL 4s D	100½	100½
NY Connec Ry 4½s '53	102½	102½
NY Dock 4s '51	85½	85½
NY Dock 5s '38	82½	82½
NY Edison 5s '44	105½	105½
NY NH&H nc deb 4s '55	85¾	85¾
NY NH&H 4½s '67	96¼	96¼
NY NH&H cv 6s '48	119½	119
NY & N Jersey 5s '32	101¼	101½
NY & Rich Gas 6s '52	105½	105½
NY Steam Corp 6s '47	108⅝	108⅝
NY Tel deb 6s '49	110⅝	110⅝
NY Tel rfg 6s '41	108⅝	108⅝
Norfolk So 5s	44½	44
Norf & W div 4s '44	97	97
Norf & W PC&C 4s '41	95¾	95¾
Nor Am Ed 5½s '63	103⅝	103⅛
Nor Am Ed 5s C	101⅝	101½
Nor Ohio Tr & Lt 6s A '47	106⅝	106⅝
Nor Pac gen 3s 2047	68½	68½
Nor Pac pr in 4s '97	95¼	95¼
Nor Pac 4½s A 2047	101⅝	101⅝
Nor States Pow 5s A '41	103⅛	103⅛
Nor States Pow 6s B '41	105⅛	105⅛
Ohio Pub Ser 7½s A '46	112⅝	112⅝
Ohio Riv Ed 6s '48	108	108
Otis Steel 6s '41	103¾	100¼
Pac Gas & Elec 5s '42	102⅝	102½
Pan-Am Pet & T 6s '34	102½	102½
Park-Lex Leasehold 6½s '53	73	73
Paramount Bwy 5½s '51	102⅞	102⅞
Paramount Fam Las 6s '47	98⅞	98
Paramount Publix 5½s	88⅜	87¾
Penn R R4s '31	100¼	100¼
Penn RR 4½s D	96⅞	96½
Penn RR 3½s '41	89¼	89¼
Penn RR gen 4½s '65	102⅝	102¼
Penn RR 5s '64	104⅞	104⅞
Penn RR gen 5s '68	110	110
Penn RR gold 6½s '36	110¼	110
Peoples Gas L&C (Chi) 5s '47	105½	105½
Peoria & East 1st 4s '40	88¼	88¼
Peorgia Pekin Ry 5½s '74	103¾	103¾
Phillips Pet 5¼s '39	93¼	93⅛
Phil Co 5s' 67	102	101½
Phil Balt & Wash 4s	97½	97½
Phil & Read C&O 5s '73	86	86
Phil & Read C&I 6s '49	92	91
Pillsbury Flour M 6s' 43	105½	105½
Pitts CC&StL 4½s A	101½	101½
Pitts & W Va 4½s C	96½	96½
Port Ry Lt & P 7½s '46	107⅞	107⅞
Postal Tel & Cable 5s '53	80½	80½
Pressed Steel Car 5s '33	87	87
Pub Svc E&G 4½s '67	102⅝	102⅝
Pure Oil 5½s '37	99⅝	99⅝
Pure Oil 5½s '40	98	97
Read rfg 4½s '97 B	102	102
Read Cen RR NJ col 4s '51	94¼	94¼
Remington Rand 5½s '47 ww	95½	94½
Richfield Oil 6s	86	80¼
Rep I&S rfg 5½s '53	98⅝	98¼
Rock I Ar&Lou 4½s '34	101	[illegible]
Rutland RR 4½s	92½	[illegible]
StL IM&S gen 5s '31	100¾	100⅝
StL IM&S 4 R&G div '33	100	100
StL & SF 4s sA '50	87½	87
StL & SF 4½s '78	88	87⅛
StL & SF 5s B '50	100	99⅝
StL SW 1st 5s '52	89½	89¼
StL SW 5s	101½	101½
StP & KCSL 4½s '41	98⅝	98⅝
StP Union Depot rfg 5s '72	109½	109½
StP M&M Mont	99¼	99¼
Seabd AL gold 4s st '50	52⅝	52½
Seabd AL rfg 4s '59	28½	28½
Seabd AL con 6s '45	28⅝	28⅝
Seabd All Fla Ry 6s A '35	20⅛	20
Shell Pipe 5s '52	93	92⅝
Shell Union 5s '47	88¾	88⅛
Shell Union 5s ct ww	91¾	91¾
Sinclair Cn O col 6½s '38	101⅛	101⅛
Sinclair Cn O col 7s '37	102⅝	102⅝
Sinclair Cru O 5½s '38	101½	101½
Sinclair Pipe L sf 5s '42	100½	100½
Skelly Oil 5½s '39	94½	94½
Smith A O 6½s '33	103⅛	103⅛
South P Rico Sug 7s '41	103	103
Solvay 5s	99½	99½
So Pacific col 4s '49	94½	94¼
So Pacific rfg 4s '55	96⅞	96⅝
So Pacific 4½s '68	98	98
So Pacific 4½s '69 ww	98¾	98½
So Pacific Oregon A 4½s '77	100⅝	100⅝
So Ry gen 4s '56	87½	87⅜
So Ry con 5s '94	107¼	107⅛
So Ry gen 6s '56	111⅛	111⅛
So Ry gen 6½s '56	118⅝	118½
So'west Bell Tel rfg 5s '54	105	105
Stand Oil NJ 5s '46	103½	103
Stand Oil NY 4½s '51	99¾	99¾
Syracuse Lt 1st 5s '51	107¾	107¾
Tenn Copper 6s B '44	99½	99½
Tenn Elec Power 6s '47	105½	105⅜
Ter RR Asso StL rfg 4s '53	93	93
Texas Corp 5s '44	101¾	101⅛
Third Ave rfg 4s '60	49	48¾
Third Ave 5s '37	95½	95½
Third Ave adj 5s '60	28	28
Tol Wal 4s	95	95
Tol & O Cen gen 5s '35	101	101
Trans Cont Oil 6½s '38 ww	109⅝	109⅝
Trans Cont Oil 6½s '38 xw	100½	100½
Truax Traer Coal 6½s '43	76	76
Union El L & P rfg 5s '33	102	102
Union El L & P 5½s '54	104	104
Union Pacific 4s '68	92½	92
U Ry St Louis 4s '34	66	66
US Rubber 5s '47	69⅞	69⅞
Utah Lt & Trac 5s '44	97	97
Utah Pow & Lt 5s '44	101	101
Utah Pow & Lt 5s ww	80	80
Va Iron C&C 1st	80	80
Va Ry 5s '62	102¼	102¼
Va Ry & Power 5s '34	107⅞	107¾
Wabash 4½s '78	69	69
Wabash 5s B '76	97¼	97¼
Wabash 2d 5s '39	101¾	101¾
Wabash 5s D	98	97½
Walworth 6s '45	85	85
Warner 6s	81	78½
Warner Sugar 1st 7s '41	104¼	104¼
West Pa Pow 5s A '46	105	105
West Pa Pow 5s E '63	106½	106½
Western Electric 5s '44	104⅞	104¾
Western Maryland 4s '52	85⅝	85
Western Pac 5s A '46	97⅝	97½
Western Un col 5s '38	103½	103½
Western Un 5s '60	104½	104⅝
Wheeling Steel 4½s B '53	91	91
Wheeling Steel 5½s '48	104	103⅝
White Eagle Oil 5½s '37 ww	103	103
Wickwire Spen 7s '35	16	16
Wickwire Spen 7s cv '35 ct	13½	13½
Wickwire Spen 7s cv ct '35	14	14
Wilson & Co 1st 6s '41	99½	97½
Wis Cen 4s S&D div '36	85½	85½
Youngstown Sheet 5s	102⅝	102¼

LIBERTY BONDS

	Open	High	Low	Last Oct20	Last Oct18
3½s '47	101.6	101.7	101.6	101.6	..
1st 4¼s '47	102.17	102.17	102.17	102.17	102.17
4th 4¼s '38	103.14	103.16	103.13	103.13	103.14
4th 4¼s reg	103.9	103.9	103.9	103.9	103.11
US 3⅜s '47	102.10	102.10	102.10	102.10	102.10
US 4s '54	108.21	108.21	108.21	108.21	..

Quoted in thirty-seconds of a point.
For example, read 102.8 as 102 8-32.

FOREIGN BONDS

	High	Low
Abitibi P&P 5s '53	75	73⅞
Akershus 5s '63	95¾	95¾
Alpine Mon Stl 7s '55	88½	88½
Antioquia 2nd 7s '57	62	61½
Antioquia III	58¼	58¼
Antwerp 5s '58	100¾	100¾
Argentine 5½s '62	86	86
Argentine Gov 6s June '59	94	93¾
Argentine Gov 6s Oct '59	94	92⅞
Argentine Gov 6s May '60	94	94
Argentine Gov 6s Sept '60	94	93¾
Argentine Gov 6s Oct '60	93½	93⅛
Argentine Gov 6s Feb '61	93½	92½
Argentine Gov 6s '57 A	94	92½
Australia 5s '55	80¼	80
Australia 5s '57	80	79¾
Austria 7s '43	104	103¾
Austria (Gov) 7s '43 ct	89¾	89½
Austria (Upper) 6½s '57	89¾	89½
Batavian Pet 4½s '42	95	95
Bavarian (State 6½s '45	81½	81½
Belgium (King) 6s '55	102½	102⅛
Belgium (King) 6½s '49	107¼	107⅛
Belgium (King) 7s '55	112⅛	112
Belgium (King) 7s '56	108⅝	108⅝
Belgium (King) 8s '41	108⅝	108⅝
Bergen (City) 5s '49	101¼	101¼
Gergen 5s rcts wi	97½	97
Berlin 6s '58	80⅛	80½
Berlin 6½s '50	84½	84½
Berlin Elec 6½s '51	76¾	75½
Berlin Elec 6½s '59	77½	77
Berlin Elec 6s	70½	69⅝
Bolivia (Rep) 7s '58	56⅛	55
Bolovia (Rep) 8s '47	73	72¼
Bordeaux (City) 6s '34	105⅛	105⅜
Brazil (Cen El Ry) 7s '52	67	67
Brazil 6½s '26-'57	63	62½
Brazil 6½s '27-'57	62¾	62
Brazil (US) 8s '41	77	73
Breda (Ernesto) 7s '54 ww	72	72
Bremen 7s '35	97	96½
Budapest (City) 6s '62	72	71¾
Buenos Aires 6s '61	77½	76½
Buenos Aires 6½s '55	76	76
Bulgaria 7s '67	66	66
Caldas (Rep) 7½s '46	68	68
Canada (Dom) 4½s '36	101½	101½
Canada (Dom) 5s '31	100⅝	100⅝
Canada (Dom) 5s '52	105½	105½
Cauca Valley 7½s '46	65	65
Chile (Rep) 6s '60	81	81
Chile (Rep) 6s '61 Feb	81	81
Chile (Rep) 6s '62	81	81
Chile (Rep) 6s '63	81	81
Chilean Loan 7s	85½	85
Cologne (City) 6½s '50	82	82
Colombia Agr Bk 6s '47	60	60
Colombia Mtg Bk 7s '46	66	66
Colombia Mtg Bk 7s '47	65½	65½
Colombia (Rep) 6s '61 Oct	66	65
Colombia Agr Bk 6s '48	63	63
Copenhagen (City) 4½s '53	94	94
Cordoba (City) 7s '57	74½	74½
Cordoba (City) 7s '37	84	84
Costa Rica (Rep) 7s '51	82½	82½
Cuba (Rep) 5½s '53	100	100
Cuba (Rep) 5½s '45	84½	84½
Cundi (Rep) 6½s '59	57½	57½
Czechoslovakia (Rep) 8s B '52	109¼	109¼
Danish Mun 8s A '46	108⅝	108⅝
Danish Mun 8s B '46	108⅝	108⅝
Denmark (King) 4½s '62	94	93⅞
Denmark (King) 6s '42	105¾	105¾
Deutzche Bk 6s ctfs '32	98	97⅞
Dominic (Rep) 5½s 1st '40	92	92
Dresden 7s '45	87	87
Duke Power 6s '66	105½	105½
Dutch El 6s '47	102½	102½
Dutch El sf 6s '62	102½	102½
Estonia Bank 7s '67	85	85
Finland (Rep) 6½s '56	88	88
Finland (Rep) 7s '50	95	93¾
French Nat SS 7s '49	103½	103½
French (Rep) 7s '49	120½	120⅜
French (Rep) 7½s '41	125⅝	125⅝
Gelsenkirchen Bin 6s '34	89	88
German 7s '49	102	101⅛
Germ Cen Ag Bk 6s '38	85	82
Germ Cen Ag Bk 6s July '60	74½	73½
Germ Cen Ag Bk 6s Oct '60	75	72¾
Germ Cen Ag Bk 7s '50	87	86
Germ Con Agr 6½s '58	74	74
Germ Con Agr 6½s '58 rcts	73	72½
Germ El Pow 6½s '50	83½	81
Germ Gen Elec 6½s '40 war	94	94
Germ Gen Elec 6½s '40 ex-w	96½	96
Germ Gen Elec 7s '45	96⅛	96
Germ Gov Int 5½s '65	77	76
Good Hope I&SW 7s '45	90	89¾
Graz 8s '54	96	95½
Greek 6s '58	82½	82¾
Greek 7s '64	99⅛	99
Haiti (Rep) 6s '53	95	95
Hansa 6s ww	78	78
Heidelberg (City) 7½s '50	91½	91½
Holland Am Line 6s '47	77	77
Hungary (King) 7½s '44	99¾	99¼
Hungary Mun 7½s '45	83	82½
Ilseder Steel 6s '48	81½	80
Italian Pub Util 7s '52	89⅝	89
Italy (King) 7s '51	95⅛	95
Jap (Con Pwr) 6½s '50	89	88⅝
Jap (Con Pwr) 7s '44	98½	97¾
Jap (Im Gov) 2d 4s '31	97½	97½
Jap (Im Gov) 6½s '54	103⅛	103½
Jap (Im Gov) 5½s	93	92⅞
Karstadt 6s '43	70	67½
Kreuger & Toll 5s '59 ww	95¼	95
Lombard El 7s '52 ww	85	85
Lyons (City) 6s '34	105½	105½
Marseilles (City) 6s '34	105½	105½
Medellin 6½s '54	88	88
Meridionale El 7s '57	89	88
Mex 4s lg A	20	20
Milan (City) 6½s '52	82⅞	82
Minas Geras 6½s '58	51½	51
Minas Geras 6½s '58 ct	53	53
Montevideo (City) 7s '52	90	90
New South Wales 5s '57	78	78
New South Wales 5s '58	78½	78¼
North German Lloyd 6s '47	83	83
Norway Bk 5s	100	99¾
Norway Bank 5s ct	100¼	100⅛
Norway (King) 5s '63	100¾	100
Norway (King) 5½s '65	101⅛	101⅛
Norway (King) 6s '43	104⅝	104⅝
Norway (King) 6s '44	104⅝	104⅝
Norway (King) 6s '52	102	101
Norwegian H 5½s '57 ct	94⅝	94⅝
Nuremberg 6s '52	78	78
Oriental Dev 5½s '58	91¼	90⅝
Oriental Dev Ltd 6s '53	96¼	96
Oslo (City) 5½s '46	100⅝	100
Oslo (City) 6s '55	103	103
Panama (Rep) 5s '63	90¼	90
Panama (Rep) 5½s '53	103	103
Paris-Lyons-Med 6s '58	104⅛	104⅛
Paris-Lyons-Med int ctf 7s '58	106¼	106¼
Peru 6s '60	56	55½
Peru 6s '61	56	56
Peru 7s '59	73	73
Pirelli Co of Italy 7s '52	100	100
Poland 6s '40	67½	67
Poland 7s '47	73½	72
Poland 8s '50	79½	79
Queensland (State) 7s '41	103¼	103⅛
Rhine Westphalia 6s '53 ww	81	80
Rhine Westphalia '55 ct ww	83	78
Rhinelbe 7s '46 ex-war	88	88
Rhine Ruhr 6s	69	68½
Rio de Janeiro (City) 6½s '53	60	59⅞
Rio de Janeiro (City) 8s '46	75	75
Rio G do Sul (State) 6s '68	50	49½
Rio G do Sul (State) 7s '67	52	52
Rio G do Sul (State) 8s '46	76	75
Rome (City) 6½s '52	84¾	84½
Rotterdam (City) 6s '64	104½	104½
Royal Dutch 4s ww	90⅛	90
Rumania 7s	76	76
Sante Fe (Prov) 7s '42	82½	82½
Sao Paulo (Bs) 7s '56 rcts	79⅞	79⅞
Sao Paulo (City) 8s '52	83	83
Sao Paulo (State) 6s '68	53	53
Sao Paulo (State) 8s '50	69½	67
Saxon State 7s '45	83	82½
Seine (Dept) 7s '42	108	107⅝
Serbs Cro & Slov 7s '62	82	82
Serbs Cro & Slov 8s '62	91	90
Siemens 6½s '51	96⅛	96⅛
Siemens 7s '35	99⅛	99
Silesia (Prov) 7s '58	56	56
Soissons (City) 6s '36	105	105
Sweden (King) 5½s '54	105⅝	105⅛
Swiss Confed 8s '40	106⅝	106¼
Toho El Pow 6s '32	98	98
Toho El Pow 7s '55	97⅝	97⅝
Tokyo (City) 5s '52	80⅛	80
Tokyo (City) 5½s '61	91⅛	91⅛
Tokyo El Lt 6s '53	87⅜	87⅛
Tolima (Dept) 7s '47	84⅞	84⅞
Tyrol 7s '52	86½	86½
Tyrol 7½s '55	98½	98½
Ujigawa El Pow 1st 7s '45	98½	98½
U K Gt Br & I 5½s '37	105½	105⅜
Uni Stl W 6½s A '51	76½	74¾
Uni Stl 6½s A '47	76	76
Unterelbe 6s '53	73½	73½
Uruguay (Rep) 6s '60	85½	85½
Uruguay (Rep) 8s '46	101¼	100
Vienna 6s '52	86	85⅝
Westphalia El 6s '53	76	74

A Window in Wall Street

LAND AS AN INVESTMENT

Land in the southern United States is attracting attention as offering opportunity for profitable investment. With land in the South at prices which some observers regard as ridiculously low, it is being pointed out that property has an asset with a basic value that cannot be wiped out. Of course, prices on land may fluctuate, but over a term of years experience has shown that the general trend of land values is upward.

A THOUGHT FOR COPPER

One financial writer recalls the day when H. H. Rogers returned from Europe and stressed the big unsold surplus of copper. Mr. Rogers was a dominating figure in the copper industry. At that time the surplus was much greater than at present, but everyone knows what prosperity came to the copper industry in the years intervening between then and the present. Of course, it is generally considered that the electrical industry will make more progress in the next 10 years than it has in the last. In that progress will be copper's cue for entrance upon the scene of a new prosperity. Just by the way we are asked to think of the airplane, automobile, electric, telephone, refrigerator, radio and some other big industries—if we can—without copper.

THE WEATHER

Forecast for Wall Street and Vicinity (based on observations from various outposts of opinion): Unchanged. Those who venture out-of-doors may be rewarded if they are prepared for a long journey over hills and valleys of price movements in the stock market, but for a short stroll the weather is considered extremely uncertain. There appears many a flower of fortune to be picked along speculative lanes just now. But there is the chance that many who saunter out before the skies are clearer may have to pick their flowers in the rain.

ABSENCE

If absence makes the heart grow fonder there should be a warm welcome in Wall Street for advice to buy stocks at this time. Such advice certainly is scarce. It is to be doubted, however, that the hearts of many traders would show much fondness for counsel to buy at this uncertain moment. Any improvement in sentiment should prove an acceptable change, however.

STRETCHING PROSPERITY

Some do's and dont's in connection with running a tire business are offered by William O'Neil in the current issue of Forbes. One important point that Mr. O'Neil brings out is that "comparatively low plant investment is one of the principal factors in a firm's continuing success." Not only has the General Tire & Rubber Company established a good claim to the "never-missed-a-dividend" seat of honor, but covered its dividend requirements in the first six months of 1930—an uncertain period for most business, and especially for the already uncertain rubber business.

AN ENDURANCE TEST

The motorist of today who wants a small number on his registration plate soon may be superseded by the private aviator trying for a small license number on his plane. There are now 8893 airplanes licensed in the United States, Commerce Department figures show. By the way, what has become of all the aviation news that used to be flying around the stock market? Holders of aircraft stocks are getting some encouragement from the history of the automobile business which shows that a testing period, similar to that through which the airplane industry is now passing, was experienced by automobile makers in the early years of the horseless carriage.

A UNIQUE GOLD SURPLUS

Investment bankers say that there is one phase of the current readjustment of business which is unique in the United States' financial history. Never before, they point out, has the country had an actual surplus of gold in relation to total circulating currency. James C. Willson & Co. states that this fact is significant for two reasons. To quote: "First, as we have usually had a 10 to 15 per cent excess of currency over gold reserves, the gold surplus of this year implies an abrupt increase in the gold value of our currency as a measure of prices." Secondly, as a business index, this company points out, an actual gold surplus indicates a vast reservoir of unused credit. "In the long run," to quote again, "this great potential credit can mean only one thing—the equivalent of a momentous increase in the purchasing power and demand for goods and for sound investments." While the phenomena of increased purchasing power and heavy demand are usually to be seen after periods of depression, the unique gold surplus of 1930 is taken to indicate that business recovery will be correspondingly more vigorous and prolonged.

AMUSEMENTS

BOSTON

WILBUR THIS AND NEXT WEEK ONLY
BERKELEY SQUARE
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THE GREEN PASTURES
Pulitzer Prize Play
Order Seats at Box Office Prices by Mail or Telegraph from
Mansfield Theatre

DOWN TREND IN TRADE MAY STOP ABRUPTLY SAYS HARVARD SERVICE

Commenting on the business outlook, Harvard Economic Society, in its current weekly letter, says, in part:

"Only a great war or a threat to the soundness of the domestic financial structure has in the past been able to prevent or cut short business recovery, following such a decline as has now taken place. The present situation contains elements distinguishing it from other periods of depression, but some of these are more favorable than at this state in past cycles, and there is nothing to justify the view that no upturn is in sight.

"In fact, a downward movement as large as the present usually ends abruptly, the stoppage of the decline in business volumes (seasonally adjusted) being followed at once by increases, so that the lowest month has characteristically appeared as a 'pocket' month. A further sharp drop, should it occur, would not imply postponement of recovery, but would indicate, on the contrary, an early upturn."

FORTUNES FOUNDED IN SLOW TIMES, SAYS INVESTMENT HOUSE

Millionaires are in the making, according to the current issue of Partner, a publication issued by Slayton-Learoyd, Inc., general distributors of Massachusetts Investors Trust.

"Each succeeding depression of stock market prices sees a new crop of millionaires in the making—men who have the foresight and wisdom to buy when prices are low, to hold their purchases," the article says. "They are the men who, with a few thousand dollars, have the courage to buy at bargain prices the finest of securities that the timid ruthlessly dump overboard. They are the millionaires in the making.

"What is their reasoning process? Faith comes first, faith that American business is big enough, powerful enough and strong enough to find a way back to normalcy in quick time. They reason, too, that never has a stock market high been reached and passed but what that high has been later topped—usually with one to two years."

GENERAL MOTORS SALES OFF

During September General Motors dealers in the United States delivered to consumers 75,805 cars. This compares with 124,723 in September, 1929. Sales by General Motors manufacturing divisions to dealers in the United States amounted to 69,901 cars, as compared with 127,220 in September, 1929.

G. M.-P. MURPHY RETURNS

NEW YORK—G. M.-P. Murphy of G. M.-P. Murphy & Co. recently returned from an extended trip to Europe, stated that the present economic unrest abroad was, in his opinion, due to heavy taxation being levied on most of the peoples of Europe. This situation, he said, is a serious one and will continue to be a disturbing factor in any readjustment that comes to pass.

GOVERNMENT TAX RECEIPTS OFF.

WASHINGTON (AP)—A decrease of $62,471,504 in government tax receipts in the first quarter of the present fiscal year as compared with the same period last year was announced by the Internal Revenue Bureau. From July 1 to Sept. 30 the government income from all tax sources was $708,368,707, as compared with $770,835,212 in the first three months of the last fiscal year.

CHICAGO PNEUMATIC TOOL

Chicago Pneumatic Tool Company reports for the quarter ended Sept. 30 net of $160,751 after depreciation, interest, amortization and federal taxes, equivalent to 85 cents a share on 188,000 no-par shares of $3.50 preference stock, compared with $343,903, equal after preference stock dividends to 90 cents a share on 199,469 no-par shares of common, in the September quarter of 1929.

COMMONWEALTH EDISON CO.

Commonwealth Edison Company for the quarter ended Sept. 3 reports net profit of $2,805,268 after taxes, interest and depreciation, compared with $2,561,573 in the September quarter of 1929. For 12 months ended Sept. 30 net profit was $16,905,974, compared with $15,659,389 in the preceding 12 months.

PROPOSE FOUR-DAY WEEK

Manufacturers of print cloth and sheeting are understood to have under consideration a proposal for a 40-hour week, four days running, commencing Nov. 1 and continuing until spring. Some mills are expected to follow the schedule.

STANDARD BRANDS, INC.

Joseph Wilshire, president of Standard Brands, Inc., said that sales of the corporation's old line products for the first nine months this year show a very substantial increase over the like period last year.

RESTAURANTS

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WESTMINSTER, LONDON, S. W. 1
Open 10:30 a. m. until 6 p. m.
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FAMOUS FOR HIGH-CLASS LUNCHEONS & TEAS
Real Scotch teas with home-made scones & cakes.
Open 10:30 to 5:30 Sundays 3 to
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Canadian Pacific Building
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42D ST. AND MADISON AVE.
Good Food Prices Reasonable
Breakfast—Lunch—Sodas
CLOSED SUNDAYS

MONEY MARKET

Current quotations follow:

	Boston	New York
Call loans—renewal rate	2½%	2%
Commercial paper	3¼@4	3
Customers' loans	5	5
Collateral loans	5	5
Time loans—		
Sixty-ninety days	2 @2½	2 @2⅛
Four to six months	2¼@3	2⅝@3

	Today	Last Previous
Bar silver in New York	35⅛c	35⅝c
Bar silver in London	16⅜d	16⅝d
Bar gold in London	84s11½d	84s11½d

Clearing House Figures

	Boston	New York
Exchanges	$68,000,000	$597,000,000
Balances	25,000,000	132,000,000
F. R. bank credit	31,038,783	112,000,000

Acceptance Market

The 12 Federal Reserve banks in the United States and banking centers in foreign countries quote the discount rates as follows:

30 days	2 @1⅞
60 days	2 @1⅞
90 days	2 @1⅞
4 months	2⅛@2⅛
5 months	2⅜@2¼
6 months	2⅜@2¼

Leading Central Bank Rates

Atlanta	3½%	Bombay	5½
Boston	3	Budapest	5½
Chicago	3½	Calcutta	5
Cleveland	3½	Copenhagen	4
Dallas	3½	Helsingfors	6
Kansas City	3½	Lisbon	7½
Minneapolis	4	London	3
New York	2½	Madrid	6
Philadelphia	3½	Oslo	4½
Richmond	3½	Paris	2½
San Francisco	3½	Prague	4
St. Louis	3½	Riga	6
Amsterdam	3	Rome	5½
Athens	9	Sofia	10
Berlin	5	Stockholm	3½
Berne	2½	Tokio	5.11
Bucharest	9	Vienna	5
Brussels	2½	Warsaw	7½

Foreign Exchange Rates

Current quotations of foreign exchanges compare with the last previous figures as follows:

	Today	Last Prev.	Parity
Europe			
Sterling:			
Demand	$4.86	$4.85 15-16	$4.8665
Cables	4.86⅛	4.86	4.8665
France—franc	.0392½	.0392⅝	.0392
Belgium—belga	.1395	.1394¾	.139
Italy—lira	.0523⅞	.0523⅝	.0526
Germany—mark	.2380¼	.2379¼	.2381
Austria—schill'g	.1411¾	.1411¾	.1407
Cz'ch'via—crown	.0296	.0296	.0296
Denmark—krone	.2676½	.2676	.268
Finland—finm'rk	.0252	.0252	.0252
Greece—dr'chma	.0129¾	.0129¾	.193
Holland—florin	.4027½	.4027¼	.402
Hungary—pengo	.175	.1751½	.1749
Norway—krone	.2676½	.2676¼	.268
Poland—zloty	.1123	.1123	.1122
Port'gal—escudo	.0450	.0450	1.0805
Rumania—leu	.0059 9-16	.0059 9-16	.193
Spain—peseta	.1020	.1000	.193
Sweden—krona	.2686	.2685⅞	.268
Switz'land—franc	.1941	.1942½	.193
Jugoslavia—dina	.0177½	.0177½	.193
Far East			
Hong Kong—dol	.3212½	.3212½	*
Shanghai—tael	.3925	.3937½	*
India—rupee	.3613	.3613	.3650
Japan—yen	.4964	.4960	.4984
Phil Islnds—peso	.4962½	.4962½	.50
Sts Stlments—dol	.5650	.5650	.5678
South America			
Argentina—peso	.3456	.3422	.4245
Brazil—milreis	.0975	.1000	.1196
Chile—peso	.1205	.1205	.12125
Colombia—peso	.9662	.9662	.9737
Peru—pound	.2955	.2850	.40
Uruguay—peso	.8000	.7975	1.0342
North America			
Canada—dollar	1.00 7-64	1.00 7-64	1.00

*Par unsettled.

ENDICOTT JOHNSON

George F. Johnson, president of Endicott Johnson Corp. said the company's surplus is available to pay the usual dividends of $5 on the common stock, even though earnings might at times fall below such dividend payments. He said that the company is more than holding its own in competition for business, is running about 75 per cent at present and hopes to improve.

CENTRAL ILLINOIS PUBLIC SERVICE

CHICAGO—Profit of Central Illinois Public Service Company for the quarter ended Sept. 30, 1930, was $1,087,938 after charges, but before depreciation, compared with $1,088,235 in September quarter of 1929. Profit for 12 months ended Sept. 30 totaled $4,243,155 after charges, but before depreciation, compared with $3,882,649.

CALIFORNIA OIL OUTPUT OFF

LOS ANGELES—California crude production dropped to 587,300 barrels daily, for the week ended Oct. 18, a decline of 1700 in daily averages as estimated by California Oil World.

YOUNGSTOWN SHEET & TUBE

NEW YORK—The Youngstown Sheet & Tube Company expects shortly to place an additional blast furnace in operation at its Hubbard works.

BALTIMORE

HUTZLER BROTHERS CO.
DRY GOODS
BALTIMORE MARYLAND

BALTIMORE

The Store of Satisfaction

Hochschild, Kohn & Co.
Howard and Lexington Streets
BALTIMORE, MD.

O'Neill's
Charles Street at Lexington
BALTIMORE

What Are the 1931 MADELON MODES?

Ah! It would hardly be possible to tell you all of them here. Do come in and see the new MADELON fashions in COATS, DRESSES, HATS, HANDBAGS, and HOSIERY SHADES (to accompany them). You'll be surprised at their irresistible chic!

Madelon Fashions are exclusive with O'Neill's in Baltimore.

HAVE you renewed your subscription to the Monitor? Prompt renewal insures your receiving every issue, and is a courtesy greatly appreciated by The Christian Science Publishing Society.

85% of Employees are Investors

85.3% of the System employees are investors in Associated Gas and Electric Company securities. 93,000 customers served also are investors.

Investment by employees and customers is a valuable testimonial to the worth of Associated securities.

Gold Debenture Bonds due 1968, of Associated Gas and Electric Company, yield about 5¾%.

Interest earned 2.22 times on an overall basis. *These bonds enjoy an active market on the New York Curb Exchange.*

Write for Circular P452 to

Public Utility Investing Corporation
61 Broadway, New York

PROFESSOR FISHER'S INDEX OF PRICES

Prof. Irving Fisher's wholesale price index of 200 representative commodities from Dun's Review and the purchasing power of the dollar are shown below. Average for 1926 is used as a basis for this computation, and it is therefore placed at 100. Averages for other periods compare with it as follows:

	Index No.	Purch. Pwr.
1913—Average	69.8	143.3
1914—December (low)	67.3	148.6
1920—May (peak)	167.2	59.8
1923—Average	101.1	98.9
1924—Average	98.9	101.1
1925—Average	105.2	95.1
1926—Average	100.0	100.0
1927—Average	94.2	106.2
1928—Average	98.2	101.8
1929—Average	96.3	103.9
1930—January	93.3	107.2
February	92.7	107.9
March	90.8	110.2
April	90.6	110.4
May	88.6	112.8
June	86.4	115.7
July	83.7	119.5
August	83.2	120.2
September	83.3	120.1
Oct., week ended Oct. 3	82.3	121.5
Oct., week ended Oct. 10	82.9	120.6
Oct., week ended Oct. 17	82.7	120.9

STAINLESS STEEL DEMAND

Republic Steel Corp. officials state that the current demand and sales of stainless and other alloy steels are showing definite improvement. The corporation has booked a large order for stainless steel for export to France for the manufacture of automobile lamp shields in that country.

13,478,000 RADIO SETS

WASHINGTON—Radio receiving sets in use in the United States on July 1 are estimated by the Commerce Department at 13,478,600. New York, with 1,752,000, had the largest number.

WESSON OIL & SNOWDRIFT

NEW YORK — Wesson Oil & Snowdrift Company reports for the year ended Aug. 31, 1930, a net profit of $3,206,420 after depreciation, federal taxes, etc., compared with $2,547,137 in the previous fiscal year.

NORFOLK, VA.

Better Furniture for Less—Always

Compare Quality and Prices—Always!

Wm. F. Smith & Co.
130 WEST PLUME STREET

RICHMOND, VA.

Dickenhover & DuBois
Incorporated
Grace & Second, Richmond, Va.

Correct Feminine Apparel

Great SUMMER Reductions!
Watch for real value in bargains!

RICHMOND, VA.

Miller & Rhoads
"THE SHOPPING CENTER"
is introducing
A beautiful wash-fabric with lustre of SILK (white or colors) first floor.
Made of Cotton SUMMERETTE Fine as Silk
See this new fabric in ready-to-wear frocks and in piece goods.

Virginia Trust Co.
821 E. Main, RICHMOND, VA.
Capital $1,000,000.00
Surplus $1,500,000.00

Prudent men and women in every section of Virginia have appointed the Virginia Trust Co. Executor and Trustee in their wills.

Inquiries about making a safe will invited—Confidential and no cost.

Sydnor & Hundley
7th and Grace Sts. Ran. 1702
RICHMOND, VA.
Furniture — Rugs
Draperies
Linoleums — Shades

General Classified

Advertisements under this heading appear in all editions of The Christian Science Monitor. Rate 60 cents a line. Minimum space four lines. An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Situations Wanted heading.

REAL ESTATE

FOR SALE—131-acre dairy and chicken ranch on highway 30 miles from Seattle; modern house, hot water heat, light plant, good barn, chicken houses, orchard, trout pond, running water; appraised at $40,000; owing to change in home will sell for $25,000. MRS. HATTIE M. McPHERSON, 1011 East 71st Street, Seattle, Wash.

SIX acres good land on beautiful lake, two acres in bearing citrus trees with plenty fruit; cottage; good road; $3000. Box 647, Orlando, Fla.

SITUATIONS WANTED—MEN

ENGINEER — ORGANIZER — GENERAL MANAGER—MANAGING DIRECTOR—of broad technical and commercial experience in these capacities, including 3½ years in U. S. A., offers his initiative and business abilities to any sound enterprise or industrial expansion at home or abroad. Box M-375, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

The Dialer's Guide

Features followed by sponsor and network in parentheses. "CBS," "CBS Chicago" and "CBS Pacific" are general networks of Columbia Broadcasting System. "WEAF Chain," "WJZ Chain," "NBC Chicago" and "NBC Pacific" are networks of National Broadcasting Company. These are followed by "—T" when coast-to-coast hookup is employed. When only single station is used its call letters will be given. All time is eastern standard except "Chicago" and "Pacific," which are given in respective times. All time p. m. unless otherwise stated.

FOR TUESDAY, OCT. 21

Talks

Lowell Thomas (WJZ Chain). Literary Digest program. 6:45.

"The Political Situation in Washington Tonight" (CBS—T). Frederic William Wile's weekly political review. 7.

"Laws that Safeguard Society" (WEAF—T). Dean Gleason L. Archer. 7:15.

Walter Winchell and guest artist (Wise—WABC). 7:30.

"The Early Book Worm" (CBS—T). Alexander Woollcott. 7:45.

"Resolved, that Thrift is Not a Virtue" (WJZ Chain). Debaters of Scottish universities on tour in America defending thrift, Bates College debaters of Lewiston, Me., attacking it. 8:30.

"Kaltenborn Edits the News" (Straus—CBS). 8:30.

John Erskine (CBS). Columbia professor, president of Julliard Foundation, author of "The Private Life of Helen of Troy," conducts Heywood Broun's column. 11:15.

Vocal and Instrumental

Colin O'More, tenor; Brad and Al, vocal duo; Premier Orchestra (Leggett—CBS—T). Many listeners probably remember Mr. O'More in a popular radio light opera series of several years ago. 8:45.

James Stanley, bass; Eveready Orchestra, Nathaniel Shilkret, conductor (National Carbon—WEAF—T). Schumann's "Two Grenadiers" by soloist, standard classics by orchestra. 9.

Jack Parker, tenor; male trio; violin quartet; orchestra (Continental—WEAF—T). Popular along with stereoscopes, hair sofas and moustache cups. 9:30.

"Salute to Cork Industry" (Westinghouse—WJZ—T). Speaker, vocal ensemble and concert orchestra from KDKA, Pittsburgh. 10.

Vocal soloists; chorus; Jesse Crawford, organist; Jerry Madison, raconteur; Louis Katzman's orchestra (Paramount Publix—CBS—T). 10:15.

"Moonbeams" (WOR). Popular slumber ballad period. 11:30.

Orchestral

Harry Tucker and his Hotel Barclay Concert Orchestra (CBS—T). 6.

Ludwig Laurier's Black and Gold Room Orchestra (WEAF—T). Lesser-known classics, 6:05.

Savannah Liners Orchestra (Ocean—WJZ, WBZ). From Strauss, Bizet, Tchaikovsky, to "My Future Just Passed," "I Still Get a Thrill," etc. 6:15.

Philco Symphony Ochestra, Howard Barlow, conductor (CBS). The trend of listeners' taste seems to go steadily upward. Mozart's "Marriage of Figaro" overture, Rimsky-Korsakoff's "Chanson Russe," a ballad, in new orchestral arrangement; "Torchlight Dance" from German's "Henry VIII Suite" are lesser-known selections that discerning ears want to hear again. 9:30.

Ludwig Laurier's Slumber Music Ensemble (WJZ Chain). 11.

Rhythmic Music

Wayne King and his orchestra; male quartet (WJZ Chain). "Meditation" and "Barcarolle" from a list of contemporary favorites. 8.

Frank Crumit and Julia Sanderson; guitar ensemble (CBS). 8.

Coon-Sanders Orchestra; male quartet (Florsheim—WEAF Chain). 8:30. Ted Weems and his orchestra, NBC Pacific. 9.

Don Byron, tenor; Vee Lawnhurst, pianist-soloist; Lucien Schmidt, cellist; orchestra (Johnson—WJZ Chain). A singing program. 9.

Duke Ellington and his orchestra; Vincent Lopez's St. Regis Orchestra (WEAF Chain). 11, 11:30.

Characteristic Music

Crockett Mountaineers (CBS—T). Hill billy music by descendants of Davy Crockett. 6:30.

"Troika Bells" (WEAF Chain). Russian period by soloists and balalaika ensemble. 8.

Dramatic Sketches and Music

"Amos 'n' Andy" (Pepsodent—WJZ Chain). 7. NBC Chicago and Pacific. 10:30.

New England stories (Standard—WEAF Chain). Soconyland sketch. 7:30.

Blackout sketches (CBS). 9.

"Ghosts" (WOR). Ibsen drama period. 9.

"Death Valley Days" (WJZ Chain). Gold Rush history. 9:30.

"Mr. and Mrs." (Graybar—CBS—T). "It Appears that George Washington——." 10.

"Cuckoo" (WJZ Chain). Radio making fun of itself. 10:30.

Recitals

"Le Trio Morgan" (WEAF—T). Arrangements by "Nagrom" played in this period are simply the anagrammatic names for "Morgan." 7.

Phil Cook (WJZ—T). A one man show. 7:30.

Radio Tonight

EASTERN STANDARD TIME

WEEI, Boston (590kc-508m)

5:00 p. m.—WEEI String Ensemble.
5:45 Talk.
6:00 Lighthouse and Coast Guard News Exchange, Bob Emery.
6:30 Time; barometer; thermometer; news.
6:45 Political talk.
7:00 New England Orchestra.
7:30 NBC, Beaconlights—Robert L. Ripley, "Believe It or Not" Cartoonist.
8:00 Jesters, male trio.
8:15 Quincy Oil Orchestra.
8:30 NBC, A. & P. Gypsies Orchestra, direction of Harry Horlick; male quartet.
9:30 NBC, General Motors Orchestra; James Melton, tenor; Brigadiers Quartet.
10:00 Premiere of "Adventures of Sherlock Holmes" sketch, "The Adventure of the Speckled Band," with William Gillett.
10:30 Political talk.
10:45 Anti-Steel Trap talk.
11:00 E. B. Rideout; news; time.

WBZA and WBZ, Boston and Springfield (990kc-303m)

5:00 p. m.—NBC, Children's story program.
5:30 Stocks; agricultural markets.
5:55 "Touring Topics."
6:00 Time; weather; temperature; Sport Digest.
6:15 Ray Sinatra and Eliot Daniels, piano duo.
6:30 McCoy trio; instrumental trio.
6:45 NBC, Literary Digest, Lowell Thomas.
7:00 Time; NBC, "Amos 'n' Andy."
7:15 NBC, Jesters Male Trio.
7:30 NBC, Phil Cook, Quaker Man.
7:45 Joe Rines and his orchestra.
8:15 Recorded vocal duo.
8:30 NBC, Ingram Orchestra; male trio.
9:00 NBC, Maytag Orchestra; Marie Morrisey, contralto; piano duo.
9:30 NBC, "Real Folks" sketch.
10:00 NBC, Rochester Civic Orchestra; Leonardo de Lorenzo, flutist.
10:30 NBC, "Empire Builders" sketch.
11:00 Time; weather; temperature; Sport Digest.
11:09 Tom Cline's Hotel Statler Orchestra.

WNAC, Boston (1230kc-244m)

5:00 p. m.—Ted and his Greater Gang.
5:30 CBS, Children's story program.
5:45 Legal Stampers Orchestra.
6:00 La Lasine Orchestra.
6:15 Wilbar's Orchestra.
6:30 Shepard Orchestra.
6:45 Dairy & Food Council Orchestra.
7:00 Political talks.
7:30 CBS, Forhan's program.
7:45 Mickie Alpert and his orchestra.
8:00 Seth Parker Singing School.
8:30 Political talks.
9:00 CBS, Minneapolis Symphony Orchestra, Henri Verbrugghen, conductor.
9:30 CBS, "An Evening in Paris"; soloists; male quartet; orchestra.
10:00 CBS, Guy Lombardo's Royal Canadians; male quartet; soloist.
10:30 CBS, "Nit Wit Hour."
11:00 Time; news.
11:15 CBS, Heywood Broun, columnist.
11:30 Jimmie Gallagher and his orchestra.
12:00 CBS, Asbury Park Casino Orchestra.
12:30 a. m.—CBS, Ann Leaf, organist.

WHDH, Boston (830kc-361m)

5:30 p. m.—Piano Melodies.
5:40 J. B. Kidney program.
5:45 News; football scores.
6:00 Fishermen's program.
6:15 Irving Crocker, songs.
6:30 Organ recital; temperature.
6:45 "The Monitor Views the News."
7:00 Time announcement.

Tomorrow's Features

WEEI

8:00 a. m.—NBC programs.
9:00 a. m.—Studio and musical.
11:15 a. m.—NBC programs.
2:00 p.—Studio and musical.
3:30 p. m.—NBC, "Golden Gems": Soloists; orchestra.

WBZA

7:30 a. m.—NBC programs.
10:00 a. m.—NBC programs.
11:30 a. m.—Studio and musical.
12:35 p. m.—NBC, Farm and Home Hour.
1:30 p. m.—Studio and musical.

WNAC

7:15 a. m.—Studio and musical.
10:15 a. m.—CBS programs.
Noon—Studio and musical.
2:00 p. m.—CBS programs.

Local Classified Advertising

Advertisements under this heading appear in this edition only. Rate 30 cents a line. Minimum space three lines, minimum order four lines. (An advertisement measuring three lines must call for at least two insertions.) An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Situations Wanted heading.

REAL ESTATE

SCOTLAND — ARGYLLSHIRE

FOR SALE PRIVATELY

THE RESIDENTIAL AND SPORTING ESTATE OF

MUCKAIRN

3 Miles from Taynuilt Station, Oban 10 Miles. Extending to an Area of about 1710 ACRES (with additional shooting if desired)

MUCKAIRN CASTLE, enlarged and modernised in 1926, stands near the shore of Loch Etive, in one of the most beautiful situations in the West of Scotland.
ACCOMMODATION—Lounge Hall, 5 Reception rooms, 13 Principal Bed and Dressing rooms, 3 Bathrooms and ample Domestic Offices.
Central Heating. Electric Light and Power. Garage for 6 Cars. 3 Cottages.
SHOOTING extends to about 3,000 acres (of which 1,342 acres are rented at a nominal sum), and includes Pheasants, Blackgame, Woodcock, Snipe, Duck, etc.
TROUT FISHING in Private Loch; SEA FISHING, BATHING, etc. GOOD PIER and BOATHOUSE. Golf at Oban (10 miles).
The Farms of Dalnamae and Lakefield are included in the Sale.
FULL PARTICULARS WILL BE SENT ON APPLICATION TO:—
The Sole Agents:—Messrs. KNIGHT, FRANK & RUTLEY, 20 Hanover Square, London, W. 1, 90 Princes Street, Edinburgh, Scotland.

APARTMENTS TO LET

AUBURNDALE, MASS.—Small furnished apartment in private home; good location; handy to cars; $35 month. West Newton 1384-M.

BELMONT, MASS.
Four rooms, bath, hot water heat, separate entrance; nicely furnished; oriental rugs, piano, radio, etc.; $75. Belmont 0523-M.

BROOKLINE, MASS.—Owner going abroad wishes to sublet a quiet, sunny, newly furnished apartment, 2 bedrooms, 2 bathrooms with shower, living room with open fireplace and grand piano, dining room and kitchen with all modern improvements. Tel. mornings Regent 1706. B-82, The Christian Science Monitor, Boston, Mass.

FOR WOMEN ONLY

BOSTON—1 and 2-room suites, kitchenette and bath, telephones; location and view unsurpassed; rents $32.50 to $52.50 per month. Telephone Commonwealth 0700.

JACKSON HEIGHTS, Long Island, N. Y.—Bargain, 5 large rooms, 2 baths, furnished, $140; unfurnished, $110; near all transits. Afternoons, Longacre 8597.

NEW YORK CITY, 385 Fort Washington Ave.—Unfurnished sunny apartment, 8 rooms, 2 baths, extra lavatory, elevator; very reasonable; near Christian Science church; conveniently arranged for renting rooms. Inquire SUPERINTENDENT.

VERY desirable apartment, 4 rooms and bath; moderate rent; accessible to both stations; opposite Grace Church, Orange, N. J. Or. 3-8664.

BOARD FOR CHILDREN

WILL BOARD CHILD
Will give kind and loving care to little girl, 2 to 8 years of age; private family; Christian Scientists preferred; experienced mother. Phone NEEdham 0626 (Needham, Mass.).

DRESSMAKING

GOWNS REMODELED OR ALTERED
Telephone Endicott 0629 for Appointment
NEW YORK CITY

EMPLOYMENT AGENCIES

BANKING. Brokerage and Commercial Office and Sales positions for men and women.
THE PERSONNEL COMPANY
198 Broadway, N. Y. C. Rm. 501 Cort. 2363

BUSINESS EMPLOYMENT SERVICE
MARY F. KINGSTON
11 JOHN ST., N. Y. C. Cortlandt 6938

LOUISE C. HAHN—Opportunities for men and women seeking office positions. 280 B'way New York City. Telephone Worth 2080.

MRS. J. E. CURTISS—Formerly manager employment department Remington Typewriter Co.; business opportunities for men and women. 156 W. 45th St., New York City. Bryant 8835.

MRS. KEMP'S AGENCY
High grade colored maids; references.
2382 7th Ave., New York Audubon 2856

HOUSEHOLD FURNISHINGS

FOR SALE—Attractive furniture, six rooms, including piano; leaving country; also new leopard coat. JACKSON, 415 West 115th, N. Y. C.

SLIGHTLY USED
RUGS and CARPETS
More bargains in display sample rugs. This lot includes Sanford's Beauvais, Royal Wiltons and Gulistan American Orientals. All sizes. Carpet for halls and stairs as low as 65c yard.
H. EDISON COMPANY
SECOND FLOOR COR. KINGSTON ST.

MFRS'. REPRESENTATIVES

OPEN for sweater and hosiery lines to jobbers and chain stores on the Pacific Coast. Box S-404, The Christian Science Monitor, 625 Market St., San Francisco.

MOVING AND STORAGE

I SHALL deem it a privilege to serve readers of The Christian Science Monitor in their local and long distance piano and furniture moving. NOBLE R. STEVES, 184 Harvard St., Boston 24, Mass. Tel. Talbot 2400.

OFFICES TO LET

NEW YORK CITY—Practitioner's office one or more afternoons for rent. 11 West 42nd Street, Suite 1960. Tel. Chickering 6358.

PAINTING AND DECORATING

NEW YORK CITY AND VICINITY
F. J. SWENSON
520 Audubon Avenue, New York City
TEL. WASHINGTON HEIGHTS 7415

PRINTING

200 LETTERHEADS, $2.00; envelopes, cards, bills, same; combination, $7.00; announcements programs, menus, booklets, by-laws; church and lecture work; bookbinding; everything reasonable; good work; good service. CALL PRINTING CO., 13 E. 16th St., New York City. Algonquin 6147.

RIDING INSTRUCTION

WASHINGTON, D. C. — Riding lessons, classes daily; special horses for children; horses available for summer camps. NORMAN CLARKE, 1411 Manchester Lane, N. W.

ROOMS TO LET

BOSTON, 34 Fenway—Attractive, sunny rooms, large and small, single or double; no better location in Boston. Ken. 9741.

DORCHESTER, MASS.—Two-room suite, use kitchen, gas, ice, electricity, $12; single room, use kitchen, $5; very convenient. Columbia 2326.

E. BRAINTREE, MASS.—Furnished or unfurnished 5 rooms and bath in private home. Braintree 0398-M or B-56, The Christian Science Monitor, Boston.

NEW YORK CITY, 527 West 121st—Attractive single room, newly decorated, suitable for business woman or student; adjoining bath; small, quiet apartment. Call after 6 p. m. MOREY, Apartment 31.

NEW YORK CITY, West 80th—Two beautiful, spacious furnished rooms, dressing rooms; private home; modern improvements; permanent; references. Trafalgar 4386.

N. Y. C.—Large front room near bath; breakfast, dinner, $16.00; without meals, $10; or double. 1240 Park Ave. JENSEN.

WASHINGTON, D. C.—Quiet room in residence; small family; near 18th, Columbia Road; ladies preferred; $20 monthly; breakfasts if desired. Adams 5039.

SITUATIONS WANTED

MARRIED couple will take entire charge of house for winter. B-85, The Christian Science Monitor, Boston, Mass.

SITUATIONS WANTED—MEN

CHAUFFEUR-VALET (colored); 10 years' driving experience; city or country. HARRY OWENS, 2488 7th Ave., N. Y. C. Tel. Edgecombe 1227.

EXECUTIVE
Former chief accountant for Bethlehem Steel branch, later secretary and assistant treasurer large Pittsburgh Steel Corporation with supervision of large office force and sales would like executive position with smaller manufacturing concern; preferably where owner or owners wish to gradually turn responsibility over to honest, loyal, hard working executive; permanence and future more important than large immediate salary; high grade credentials. Box X-55, The Christian Science Monitor, 270 Madison Ave., New York City.

SITUATIONS WANTED—MEN
(Continued)

MARRIED MAN as caretaker, can do electrical work, plumbing; handy with tools. M. HEMMER, 18 Park Ave., White Plains, N. Y. Tel. 7863.

POSITION as sales manager or manufacturer's representative; qualified to handle men and projects; have had wide experience selling building specialties; well acquainted in New York and New England. Box H-97, The Christian Science Monitor, Boston.

SITUATIONS WANTED—WOMEN

COLORED woman would like domestic work Thursdays afternoons and Saturday mornings in Boston or Brookline; can furnish best of references. E. CURTIS, 31 Worthington St., Boston.

GIRL wishes work of any kind in shop or factory; willing worker. Box F-35, The Christian Science Monitor, 270 Madison Ave., New York City.

NEW YORK CITY — Secretary-accountant, college graduate; commercial, financial experience; has intelligence, energy, fidelity, co-operation to give those she may serve. ADVERTISER, 516 West 149th St.

REPRESENTATIVE—To anyone with marketable commodity requiring representation in New York City and vicinity I offer my services based on wide business experience in executive and selling fields. Box Z-14, The Christian Science Monitor, 270 Madison Ave., New York City.

SECRETARY-STENOGRAPHER, capable, thoroughly experienced, desires position of responsibility; apt, conscientious, faithful; $35-$40. MISS E. COLE, 170 W. 78th St., New York City. Trafalgar 2452.

YOUNG WOMAN wishes position as companion or governess to one or two children. Write E. A. WARREN, 33 Whitney Street, Auburn, Maine.

TO LET—FURNISHED

HINGHAM
9-ROOM furnished house, gas heated, attached 2-car garage; 3 baths; 4 minutes to station; exclusive location; available Nov. 1; references required. Address B-81, The Christian Science Monitor, Boston, Mass.

CONNECTICUT

NEW HAVEN

THE H. M. BULLARD CO.
ORANGE STREET AT ELM
FURNITURE
RUGS—DRAPERIES
We carry Whittall Rugs

DELAWARE

WILMINGTON

Wilmington Hardware & Rubber Company
HARDWARE *and* TOOLS
YALE PRODUCTS
Toys, Household Furnishings
NOTE NEW ADDRESS
206 West Tenth Street

Telephone 5017
HARDWARE and HOUSEFURNISHINGS
ALFRED D. PEOPLES
507 MARKET STREET

Stern & Co.
Wilmington's Friendly Home of Furniture
7TH & SHIPLEY STREETS
WILMINGTON, DELAWARE
Radios Rugs Furniture

CORRECT MILLINERY
Gage Hats Onyx Hosiery
728 MARKET STREET

Handsome Wedding Gifts of Plate and Solid Silver
MILLARD F. DAVIS
JEWELER—SILVERSMITH
Since 1879
831 Market St. Phone 2-3613

Pittsburgh Independent Oil Co.
Use Pittsburgh Ethyl Gasoline
Pittsburgh Regular Gasoline
and 100% Pennsylvania Oil
Market & 12th Sts. Orange & 6th Sts.
Market & D Sts. 1819 Penn Ave.
Wilmington, Del.

I. Elmer Perry Co.
Dependable Coal
Dependable Service
Phone 2-3212
29th and Boulevard Wilmington, Del.

CARTLEDGE FLOWER SHOP
10th and Orange Sts. Wilmington, Del.
Phone 6121

Crosby & Hill Company
DEPARTMENT STORE
605, 607, 609 Market Street, Wilmington, Del.

Gawthrop & Brother Co.
Plumbing and Heating
705 Orange Street
Wilmington, Del.

DELAWARE

WILMINGTON
(Continued)

Men's and Boys' Outfitters Since 1862
JAS. T. MULLIN & SONS, INC.
6th and Market, Wilmington
A GREAT STORE IN A GREAT CITY

MEGARY'S FURNITURE STORE
Sixth and Tatnall Sts., Wilmington
Delaware's largest and foremost store of its kind for nearly three-quarters of a century, by reason of consistent high quality and moderation of prices.
FURNITURE FLOOR COVERINGS
BEDDING DRAPERIES CHINA

DIST. OF COLUMBIA

WASHINGTON

KINGSTON SPORT WEAR
JERSEY and TWEED KNITS
for Women, Misses and Children
Priced $5.75 to $16.00
Shown by appointment.
MARGUERITE F. HUTTERLY
2627 Adams Mill Road
Apartment 41 Phone Adams 3175

DISTRICT NATIONAL BANK
1406 G Street, N. W.
WASHINGTON, D. C.

New York Shoe Repairing and Remodeling
739 13th St. N. W. Ph. District 6273
We stop shoes from gaping. We make vamps shorter when stretching doesn't help. We make bad fitting shoes fit perfectly. All repairing done by factory experts.

EXCLUSIVE
Millinery *and* Gowns
Remodeling Hats a Specialty
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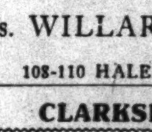

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Advertisements under this heading appear in this edition only. Rate 1/3 a line. Minimum space three lines, minimum order four lines. (An advertisement measuring three lines must call for at least two insertions.) An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Post Wanted heading.

ARTISTS

FASHION ARTIST requires work; ladies' and children's wear sketched and designed. ANN HUTCHISON, 10 Thurlow Road, Hampstead, London, N. W. 3.

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LONDON, HYDE PARK, 7a Oxford Terrace, W. 2—High-class guest house for ladies; terms 30/- per week with board; or bed and breakfast, terms arranged. Phone Paddington 7732.

LONDON, Near Victoria Station—Private hotel, quiet, central; room, bath and attendance from 5/6-6/6. Tel. Victoria 3306. Write or wire MISS GODDARD, 13 St. George's Square, S. W. 1. Bus 24 passes hotel.

LONDON—Comfortable bed-sitting rooms, with breakfast from 30/-; breakfast and dinner from 42/-. 3 Hurlingham Gardens, S. W. 6. (Close Putney Bridge Station.)

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QUANTOCK HOUSE
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LONDON—Holiday board and other accommodation under experienced care, offered for all animals. F. J. RICHMOND, 221 Queen's Road, Peckham, S. E. 15. New Cross 0496.

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Children needing experienced and skilled attention. Write or phone MRS. EDITH BAIN, 92 Wimbledon Hill, London, S. W. 19. Phone Wimbledon 3178.

CHRISTIAN SCIENCE HOUSES

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The KEY AGENCY
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LONDON, BAYSWATER—Exceptionally well appointed, unfurnished, 1st floor, flat to let; 4 rooms, bath, kitchen, hall; quiet road; near buses; £186 p. a. Box M-120, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

LONDON, KENSINGTON—Suite of 4 furnished rooms (including kitchenette, bathroom); 4th floor; without service; hot water; £150 p. a. VAUGHAN, 9 Vicarage Gate, Kensington. Park 8203.

LONDON—Attractive Bachelor Service Flats; well furnished, from 6 gns. weekly; unfurnished, from £250 inclusive; gardens rear. 4 Queen St. Mayfair.

LONDON—Two unfurnished flats, also rooms, in newly decorated house. 12 Cheniston Gardens, Kensington, W. 8. Phone Western 0163.

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LONDON—House to let, whole or part, partly furnished or unfurnished; 3 reception, 7 bedrooms, electric light, large garden; 5 minutes station; 17 minutes Charing Cross. Box M-357, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

POLPERRO, CORNWALL—Two unfurnished cottages to let, 8/- each weekly; facing sea. Stamp. MRS. MILLS, Polperro.

MOTORCARS

REID, STOFFORD & RIDD, Automobile Engineers, 39 Grosvenor Place, London, S. W. 1. Sloane 3348—Cars of all makes supplied, new or second-hand; accessories, tyres, insurance, shipping, house lighting sets and wireless; cars for hire.

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LONDON—Practitioner's office in Sloane Street; two good rooms, furnished or unfurnished. 74 Ovington Square, S. W. 3. Tel. Kensington 9724.

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LONDON, W. 1, 24 Nottingham Place, near Baker Street stations and Regent's Park—Central and convenient for all parts; moderate terms. Welbeck 3462.

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DRESSMAKING—Wanted, apprentices for workroom and showroom in London. Apply POMPADOUR, 4 William St., Knightsbridge (opposite Woollands).

LONDON—Family of 3 require young maid for work of small house with other help; comfortable post, good wages; Roehampton. Box K-1148, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

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GENTLEMAN, experienced in accountancy and secretarial work, seeks position of trust offering scope. URE, 1 St. Edmunds Terrace, Regents Park, London, N. W. 8.

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POSITION required by lady secretary, fully experienced, including recent work in city bank; shorthand, typewriting, etc.; in or near London preferred. Box K-2407, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

REFINED educated young man desires post in modern & antique books, or would represent first-class publishing house; excellent references. Box M-374, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

VIENNESE gives German lessons, is highly experienced secretary, typist. MISS P., 106 Oxford Gardens, London, W. 10.

YOUNG PUBLIC SCHOOL man, 17½ years, seeks berth with good prospects; knowledge French, German, Spanish and book-keeping, highest testimonials. Box M-370, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

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From £2.19.6

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LONDON, HYDE PARK, W. 2—Comfortable bedrooms, breakfast, baths, from 30/-. Paddington 8276, or Box K-1879, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

LONDON, Barnes—One or two rooms, furnished or unfurnished, with or without attendance; every convenience. Box M-378, The Christian Science Monitor, 2 Adelphi Terrace, London, W. C. 2.

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LONDON—Two unfurnished rooms, communicating third floor, with service, baths, etc.; £109.10 p. a. VAUGHAN, 9 Vicarage Gate, Kensington. Park 8203.

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LONDON, BELGRAVIA—Bed-sitting room, gas fire, electric light, bath, breakfast. Phone Sloane 9305, 39 Lower Belgrave St.

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DAILY FEATURES

One Minute Biographies

Who: EDWARD WINSLOW

Where: England and America.

When: Sixteenth to seventeenth centuries.

Why famous: A founder of Plymouth Colony, of which he was later Governor. We know that he was a native of Droitwich, England, and came probably of an ancient family; but his education and early life remain in shadow. He must early have allied himself with the Separatists or Puritans, for in 1617 he crossed to Leyden, Holland, where he became a parishioner of the Rev. John Robinson. Thus Winslow was in 1620 one of the "Mayflower" Pilgrims.

During the voyage and those first months of struggle for subsistence in a wilderness, Winslow, like Bradford, kept a journal. That journal, with his other fragmentary writings, though they made no literary pretensions, are graphic and of distinct charm. They are immensely important to students of the period: to those who would understand how the little colony was governed, how fed, how the surrounding country was explored and intercourse with the Indians established. It was soon apparent that Winslow, with his traits of piety and courage, diplomacy and tolerance, was just the man qualified to take the lead. Continuously from 1624 to 1647 he was one of the "assistants," except during his three terms as Governor. More than once he went back on important missions to England. During the last nine years of his life Winslow lived there, holding minor positions under the government of the Protectorate.

In Plymouth the Governor had married as his second wife Mrs. Susannah White, mother of Peregrine, the first white child born in the colony. And that marriage was the first to be contracted in New England. The portrait of Governor Winslow, indicated above, hangs today in the rooms of the Pilgrim Society at Plymouth, being the only authentic likeness of any of the "Mayflower" Pilgrims. A countenance at once amiable, dignified and capable, showing the character of a man deserving of all the honors and responsibilities which overtook him.

A Word a Day

Residue

This word is applied to that portion of a whole which remains after a part has removed, or been removed or separated. It is synonymous with "remnant" and "remainder."

The word is derived from the Latin *residuus*, "remaining," an extension of *residere*, "to remain, or to reside," compounded of *re*, "back," and *sedere*, "to sit."

Res'-i-due is accented on the first syllable; sound *e* as in *end*, *s* as *z*, *i* as in *it*, *u* long as in *use*.

"In that day shall the Lord of hosts be for a crown of glory, and for a diadem of beauty, unto the residue of his people." (Isaiah 28: 5.)

Note: First choice in Webster's New International Dictionary is accepted as authority for pronunciation.—Editor.

Brevities

Philadelphia Inquirer: "The public," declares Mr. Belasco solemnly, "is turning away from moving pictures." It is, indeed; you can see a thousand or two turning away from any house after a performance.

Florence (Ala.) Herald: Photographs seldom do us justice, being fortunately tempered with mercy.

In Lighter Vein

Nothing New

Salesman: "Have you seen the latest fountain pen, sir? Absolutely impossible for ink to escape from it anywhere."

Customer: "Yeah! I've tried to write with that sort for years!"—*Humorist.*

Proof

Real Estate Agent: "You can hear a pin drop in this apartment."

Prospective Tenant: "What's that noise?"

Real Estate Agent: "Oh, there's a bowling alley on the first floor."

The Warning

Sign for the boarding-house bathroom: Abandon hope, all ye who wish to enter here.—*Chicago Daily News.*

What's the Use!

The neighbor of a man noted for his extreme thrift saw him coming down the road on a week day dressed in his Sunday clothes.

"What's up, Cy?" he called out. "Why the glad rags?"

"Haven't you heard the news?"

"News? What news?"

"Triplets!"

"Oh, and you're celebrating?"

"No, but what's the use tryin' to be economical now?"—*Tenney Service.*

Weedsport Sentinel

"His latest book, 'The Silk Stocking,' is a good tale."

"Yes, there's a great run in it, I understand."

First Try

The professor was asked to give his definition of woman. After clearing his throat he began in his leisurely way: "Woman is, generally speaking—"

"Stop right there, professor," interrupted a masculine listener. "You'll never get any nearer to it than that."—*Punch.*

The Train First

Prospective Bridesmaid: "Why could not the seamstress finish your veil today?"

Prospective Bride: "Oh, she said she was sorry, but she had to make a train."—*Life.*

In the Right Direction

"Why did you leave New York to go and live in Pittsburgh?"

"To be nearer my daughter who lives in Seattle."—*Pathfinder.*

Untimely Remark

"Where can you wash here?"

"In the spring."

"I asked you where—not when."

A Quotation for Today

THE winds and waves are always on the side of the ablest navigators.—GIBBON.

The Diary of Snubs, Our Dog

Every now and then the Boss forgets to feed Sponge and me at the regular time—
But we never worry—We just lick our chops and wait as patiently as we can—
Because we know that sooner or later he will remember it—
And will feel so badly about forgetting us that he will fly into the kitchen—
And give us almost twice the amount we usually get—oh, Boy!

"I Record only the Sunny Hours"

'Faith House'

Los Angeles, Calif.

WHAT many term a "miracle" is daily taking place in this city. A gray-haired, motherly woman whose only definite income is a pension of $20 a month, provides beds free to more than 50 homeless girls and women every night, and daily serves meals, also free of charge, to almost 200 girls and women who are out of work!

Her life and activities are summed up in two Biblical quotations which hang upon the walls of the living room of her unique hotel. The quotations which comprise the only "rules" of her establishment are found in Matthew 21: 22—"And all things, whatsoever ye shall ask in prayer, believing, ye shall receive!" and in John 21:16—"Lovest thou me? . . . Feed my sheep." This remarkable woman is Mrs. Arglee Green, and her hotel is at 217 South Spring Street, Los Angeles.

Mrs. Green, affectionately called "Mother Green" by those she serves, knows from experience what it means to be out of work. When she was barely 22 years old she was left a widow, destitute, and with two small sons to support. When her boys passed on, Mother Green felt that there was nothing left to live for. Then, one dreary, rainy night she read in a local newspaper of the pathetic case of a young girl, a stranger, homeless and out of work. At that time only the jail was provided by the city for such cases.

From that moment Mrs. Green's chief thought was to provide a shelter for needy girls and women; yet how to go about it? She had barely enough to eat, herself! People to whom she told her plan looked dubious. It was a splendid idea, but it required money, and money was not always to be had for the asking.

Undismayed, she opened her first home. Her equipment consisted of a gas-plate, a few dry-goods boxes, a mended kitchen table and a few odds and ends of dishes. This pitiful little establishment was a dark, basement room, in the down-town section of the city. Dreary and empty and queer, yet it was the beginning of her dream, and she smiled hopefully and waited for better days to come. And they did!

She has moved twice since that first memorable little home was founded, and now occupies two floors of an old business building, a few blocks from her first location. Her quarters include a large dormitory which accommodates 60 clean white cots, with a table and chair for every cot, two large living rooms, with comfortable chairs, tables holding magazines and books, two pianos, a phonograph, etc. The dining room contains four large tables, at which 200 persons can be seated, and the kitchen is all that a kitchen should be. There is also a wardrobe room with a supply of mended shoes, hats, coats and dresses, ready for anyone who may need them.

And all this was accomplished by steadfast faith. Not one word of advertising has been published, not a single solicitation made, no help from any charitable organization asked nor any support from the Community Chest. Neither now, nor at any time since its inception, has the little "Faith Home" had any fixed income. Although many restaurants and markets, and other friends help, Mrs. Green does not know one week from what source the food will come for the following week, nor does she know with certainty just where the rent will come from. "But it always has come, and it always will come," Mrs. Green declares with positive assurance, "for the Father knows that we have need of these things."

Odds and Ends

"Old Ironsides"

The U. S. Frigate Constitution, one of the three exhibit ships of the American Navy, earned the sobriquet "Old Ironsides" during her fight with the Guerriere in the War of 1812, when the cannon balls from the latter rebounded from her oaken hull.

Carpet of Pearls

One of the world's most famous jewelry designs, the Carpet of Pearls in the palace at Baroda, India, is eight feet by six feet, and hundreds of diamonds, rubies and emeralds are used to form a floral design in the center.

Huge Fossil Deposit

A deposit of fossil diatoms or "grass of the sea" at Lompoc, Calif., covers an area of 12 square miles and is 1400 feet thick.

A "Pie"

A "pie" in Spain and Argentina does not refer to pastry but is a unit of measurement.

Radio Language

The Spatari-Radio-Code, a universal language designed for radiocasting, is based on the seven notes of the musical scale.

Elevator Speed

The average speed of elevators in hotels and office buildings is about two and a half miles an hour, including stops for passengers.

"Passport"

The term "passport," signifying the privilege of leaving or entering a port or harbor, originated in the days when journeys were made largely by water.

THE CHRISTIAN SCIENCE MONITOR

BOSTON, MONDAY, OCTOBER 20, 1930

"First the blade, then the ear, then the full grain in the ear"

PUBLISHED BY THE CHRISTIAN SCIENCE PUBLISHING SOCIETY

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All communications regarding the conduct of this newspaper, articles and illustrations for publication should be addressed to The Christian Science Monitor Editorial Board.

EDITORIALS

Labor Speaks for Sobriety

LIKE a calm and brawny man crushing a firecracker beneath his heel, the American Federation of Labor has squelched with almost surprising finality a much-heralded attempt by wets to stampede the organization into a demand for repeal of the Eighteenth Amendment. In contrast to the loud "boom" forecast by certain newspapers, the repeal firecracker delivered only such a "fizz" as might be expected from wet powder when the resolutions came to a vote on the floor of the convention in Boston.

Instead of joining the hue and cry against prohibition, Labor stanchly indorsed the position stated by its executive committee as follows:

> It is our contention that the Eighteenth Amendment under a reasonable and proper legislative interpretation would be beneficial to our country and would have the support of the great majority of our people.

To be sure, the federation asked that legalization of 2.75 per cent beer be included in this interpretation—a proposition to which drys will hardly assent—but the loyalty of Labor on the vastly larger and more fundamental question of retention of the amendment itself is so important and reassuring as to give the friends of prohibition genuine grounds for jubilation.

The ringing voices which voted down the repeal proposals told that Labor has a sound appreciation of the benefits which have followed a banishment of the commercialized drink traffic. That vote showed that the man who lays bricks or runs a lathe would rather have a sober man beside him than have a saloon—or dispensary—on the corner. It showed that the woman who works in the mill to pad out the family income is determined that her husband's pay envelope shall mean shoes and books for the children instead of profits for the distiller. It showed that the great body of hard-working, serious-minded folk who form the backbone of the labor movement are not going to see their fellows debauched and their hard-won gains dissipated.

This is all the more gratifying and encouraging at a time when Labor has felt the brunt of a year of exceptionally reduced employment. Labor recognizes that never before have the individual worker and his family been so cushioned against the effects of a business depression by their reserve of savings as in this one—and prohibition has had something to do with that.

One may question the validity of the theory of the federation's executive committee that permission to brew 2.75 per cent beer would serve as an aid to employment. Indeed, one anti-prohibitionist newspaper has admitted that if the wets claim modification would provide additional employment for 2,000,000 men, they must abandon one of their favorite charges, namely, that the country already is flooded with liquor; for if that were the case the employment of bartenders would only mean unemployment to a corresponding number of bootleggers.

But it is worth while to inquire just how, if at all, a resumption of brewing could improve the opportunities of Labor. If the manufacture of beer is to bring any new purchasing power into circulation, it can do so only by attracting out of retirement certain capital which hesitates to engage in the production of more useful merchandise. This capital evidently expects that the desire for incipient inebriation will be more potent to induce the consumer to spend than are his present desires for nourishment, warmth, education or recreation. If that expectation is fulfilled, where does it leave the union laborer who is engaged in catering to these latter wants?

If a man buys food he is sustained while he earns more money to buy fuel. When he is warmed he takes heart to labor further in order to enjoy entertainment and to equip his children with schooling. But when he is besotted with drink he is not a customer for anything else. In these times increasing buying is to be encouraged, but it will initiate a more genuine and far-reaching circulation of wealth if purchasing power is exchanged for goods of real value and usefulness than if it is spent for dross.

Labor has spoken with tremendous significance on this, perhaps the greatest issue before the American people. The public may apply an interesting test to that section of the metropolitan press which "played up" the preliminary fanfares of the repeal effort in the ranks of Labor by noting whether those newspapers now give proportionate prominence to the overshadowing and authoritative verdict which the American Federation in full convention has pronounced.

Gordon Craig's "Tomorrow"

IT IS many years since the English theater has been promised anything so interesting and exciting as is contained in the news of a firm alliance between C. B. Cochran and Gordon Craig. The former—"the world's greatest showman" as he has been called—a prince of the theater with scores of popular successes to his credit, is putting his resources at the disposal of a man whom some regard as "the world's greatest dreamer" about the art of stage-management, production and design.

But Gordon Craig is not merely a dreamer. His life has been devoted to the technique of the stage. The thirteen plays which he has produced in England are a trifle compared with the work that he has initiated or inspired in Russia, Germany, Holland and in other European countries. His work as a designer has had a profound influence on the art of the theater throughout the world. His writings have spread abroad his interesting conception of an actual, visible theater as a "temple" of drama, and of the place that the dramatic art should take in the popular life of a nation.

If by many critics he has been regarded as an unpractical idealist, that is not because he does not know all that need be known about stage properties, and a very great deal about old and new plays, but because he frankly detests any savor of "commercialism" in the theater, and because he has been very hard to please. The upshot has been that he has never had the opportunity to produce lavishly, in a long series of productions and with the free hand which he demands.

He has been most conspicuous of late for his denunciations of the managers for depriving the public of what it ought to have. He has said:

> Think of the doctors, priests, writers, painters, musicians, architects, city men, engineers, army and navy men, politicians, secretaries, editors, journalists, and other social men and women to whom a vigorous living theater might prove refreshing, and who are today obliged to avoid the place because it is wearisome—a bore.

He has always had faith in the willingness of the public to respond to the appeal of great drama. "Public taste," he said several years ago, "was never better than it is going to be tomorrow." His "tomorrow," thanks to Mr. Cochran, seems at last to be about to come. He has aroused great expectations. Will he succeed in satisfying them?

Taking the Home Into Business

WOMEN who have learned to manage their own homes prove the most promising material for business positions, it is said. In fact, there is not, it seems, the gulf between a domestic and a business career so often supposed. The woman successful in the one field is likely to be successful in the other.

These, at least, are the opinions of a business executive whose firm, with its branches, employs more than 6000 women. Coming from the head of a great organization, this view should cheer on the many women who have tried to convince their own masculine contingents that the qualities which go into the intelligent managing of a home and family are not, after all, useful only in some mysterious feminine realm and devoid of practical value beyond the front gate.

The subject has another aspect. If the training received by the home maker is of such excellence that it fits her for work elsewhere, should not home making merit a higher notch in the estimation of many business-trained persons, women as well as men, who are at present inclined to underrate it? A deeper respect for this most ancient and honorable of womanly vocations would naturally tend to encourage those so engaged to raise their own standards of efficiency, and would eventually lead more women into home-making courses to train or improve themselves in their present work.

It is an odd inversion of values that the so-called trained woman almost invariably goes into business—often into an inferior office position—while the untrained woman takes on the home-making job with its tremendous and important demands.

Most home makers grant that they need to bring into their housekeeping affairs a greater business efficiency, based perhaps on a higher and more practical appreciation of business training. On the other hand, consistent underestimation of home making on the part of business women has more often than not deprived business affairs of a full measure of the graciousness, charm and unselfish service that are noteworthy qualities of the home. The business woman who aims to give an impression of masculinity by emphasized crispness and bluntness is depriving the business world of the very womanly qualities of which it may be peculiarly in need. If, even generally speaking, successful home makers make successful business women—and this has been proved by many a woman in business—the home-making qualities of women must be worth developing, whether for home or for business.

The home executive, furthermore, by raising the standard of home efficiency, by actively working for the ideal of better preparation for home management, and by seeking to inspire in the business world a genuine respect for the training that home making itself gives, is not only fitting herself and others for work of a higher caliber in the home. She is also indirectly contributing to the world of affairs a finer and more mellow type of business woman, better able and more ready to bring into it the womanly qualities which business will some day find indispensable.

A Conspicuous Five Per Cent

ACCORDING to figures issued by the Outdoor Advertising Association of America, all the roadside billboards together—which are now being so seriously attacked as disfiguring the landscape—count up to no more than five per cent of the total number of billboards; the other ninety-five per cent, it is stated, are in cities. One reads also, by report of the Highway Forester of the Pennsylvania Department of Highways, that 32,225 signs were removed last July from along the roadways in eight districts of that State; 24,834, it is stated, were illegal because of their location on the right of way—and 7391, although within the law, were taken down voluntarily by the owners "in order that the scenery of Pennsylvania might be better appreciated."

These statements seem at first thought to conflict. In fact, they illustrate. In considering the "billboard nuisance," as this phase of advertising has come to be called, the larger outdoor signs calling attention to widely advertised commodities—such signs as the Outdoor Advertising Association refers to—have become accepted symbols of all outdoor advertising. They represent, however, only one kind of outdoor sign; they do, in fact, dominate the scene wherever they are set up; and they may, and do, easily create the impression that there are more of them than is actually the case.

These are the high lords of signboarddom, few in number compared with such a miscellany of signs as those included in the report of the Pennsylvania highway forester. Counting this small fry, or sign proletariat, by the thousands in eight districts of one state indicates their multiplicity over the whole country. Such mushroom growth was no doubt to be expected as automobiles more and more provided a passing public which might conceivably contribute to the income of those who set them. It was equally to be expected that their destructive effect on the natural beauty of the roadsides would sooner or later stir that antagonism of individuals which, if soundly based, eventually becomes public opinion. It is therefore a sign of the times, which should be gratifying to anti-billboarders, that so large a proportion of the high lords are now urban, and that of the sign proletariat more than 7000 in a single state have lately been voluntarily taken down by their owners.

Dr. Johnson and the Americans

MANY an ardent Johnsonian, attending the recent dinner of the Johnson Society at Lichfield, must have asked himself with the suggestion of a wry smile at the corner of his mouth: What would the Doctor have said to the election of an American president for this society?

Small doubt but that some ponderous outburst would have filled the air, announced by the terrific, the often ominous "Sir—." For the Doctor had no love for Americans, the disapproval in which he held them rivaling that in which he held such persons as were so unfortunate as to have been born north of the Tweed. As Boswell put it, Johnson was frequently "a violent aggressor" when the question of Americans was raised, as it was bound to be during the reign of George III; indeed, Johnson sometimes launched an attack upon no provocation whatever. "Rascals—robbers—pirates," he would mutter blackly. "I am willing to love all mankind except an American."

In view of all this, one assumes that there is only one American whom the Johnson Society would have dared elect to its presidency—Mr. A. Edward Newton, well-known Philadelphia book collector and in all probability the man most responsible for literary America's present enthusiasm for Johnson and his circle. Had their paths crossed, Dr. Johnson and Mr. Newton were certain to have been great cronies. And so would the Doctor and Benjamin Franklin have been, Mr. Newton thinks evidently; as he read to the society an imaginary conversation between the two men who, though contemporaries in London, never met.

And from this one deduces a fact which should always be remembered touching upon Dr. Johnson: that he was much fonder of people and things than he usually admitted. He detested Whigs, yet he made a friend of Burke; he scorned actors, but was constantly at Garrick's; he despised Scotsmen, but was continually in the company of Boswell. Never was so inconsistent, so intentionally irascible, an old bear; though, as Mrs. Thrale knew, "all he said was rough, all he did was gentle."

In short, the man was far more human than he cared to have anyone suspect—more tolerant of men's shortcomings, more compassionate when confronted with their needs. If such had not been the case, very likely there would be no Johnson Society, no annual dinner at Lichfield, hence (and the pity that would be!) no American president.

Eating Under the Trees

AFTER a long trek down dusty roads and across a brown prairie fanned by a hot wind, one greets a wayside inn with joy, and if the place is surrounded by trees and offers a friendly seat by a rustic table, the measure of contentment is full to the brim.

More and more American purveyors of food and rest are learning that an attractive out-o'-doors setting, rather than the close confines of a stuffy room, adds a note of Old World hospitality to the commonplace business of eating.

To "gobble and git," reminiscent of a railway lunch station filled with the clangor of impatient bells, has gone out of style in many sections of the country, and in its place has come a more leisurely consideration of a dinner menu spread under a colorful canopy and served daintily by trimly costumed waitresses who seem to have all the time in the world to offer good service. Freedom from care and hurry is worth achieving with one's meals, or else dining becomes a stuffing process, and luncheon a five-minute interval between stars on a road map.

Every real home would be improved if it had a dinner table and chairs set in an adjacent garden spot, where birds may remove the crumbs and laughter may have a place to kick up its heels. Only the approach of winter snows, or a torrent of raindrops, should be permitted to send the family indoors. Eating is best enjoyed under the rustling banners of the kindly trees.

Editorial Notes

Old Ironsides has taken to sea once more in fulfillment of school children's anticipations, no longer striking fear with thundering volleys, but demanding admiration of grace and valor. One can well look forward to a future when the present-day floating forts will be curios; a few last survivors reconditioned, admired, but no longer the emblems of a nation's fear.

Technological unemployment among farm horses in Australia is being lessened by the discard of tractors, due to high gasoline taxes, according to report. The Amalgamated Union of Equine Draught Animals has not commented, but is believed to favor a restoration to plentiful employment.

The fact that the Ugly Men's Voluntary Workers Association has given £165,000, besides 161,161 articles of clothing and boots, and 6834 blankets to the poor, benefiting 25,932 persons, indicates that the old saying should be revised to read, "Pretty is as ugly does."

Aviators' heroic flood relief work of 1927 will now be followed by fliers who will make 14,000 photographs of the Mississippi Valley for use in mapping flood control.

Candidates who warn against wasting a ballot on a loser should be frank enough to admit that only the uncast vote is wasted.

Buried Treasure and an Old House

THERE was no doubt whatever about its being an old colonial story-and-a-half house. The first sight of it on rounding the bend on the winding road that twisted its way down a side hill was enough to show that.

The great chimney, chipped and stained by the years, looming up through the exact center of the roof, told of yawning fireplaces where stout oak and hickory logs had burned throughout the long winter months of a century and a half ago, or longer than that. The house might have been built at any time during the eighteenth century. Later acquaintance proved that it was raised in 1749, and the promise of the big square chimney bore results, although there had been many things to overcome before full realization of utmost hopes.

Eventual possession of the house followed after sundry diggings into musty records for details of past transactions concerning the passing of titles, and after attending to such things as impressing upon the owner that the sum he was demanding needed careful negotiation by the one who craved possession. The whole business brought with it a zestful interest.

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What a delight to prowl about on little errands of exploration over one's own property, to tread broad boards marked by the feet of sturdy generations of hardy colonists, and to stand in the old doorway with its great paneled door of shrunken and shriveled oak, but none the less stout, and to gaze up over the field in front of the house to the wooded hill beyond and along the curving road that wound its devious way up and across the top of the divide. One saw the same stretch of rugged landscape over which the good housewife of pioneer days had so often gazed, perhaps where she had stood at midday to sound the echoing horn that would fetch her men folk from the fields, or the forest, to sit thankfully before her bountiful board.

What thoughts evoked by the putting of hands to the latch of a door, in clasping the polished wooden knob of a cupboard tucked artfully into a corner—intimate things that hands of transplanted Englishmen had handled in those early days when most of New England was wilderness!

The small front hall was garish in stained gaudy wall paper, but a questioning palm smoothing the surface detected ridges where wide pine boards met. Later, after small venturings with hot water and rags and a scraper, seven layers of wall paper, each symbolic of its period, were removed. Each, no doubt, had been laid on with careful, loving hands; and each bespoke the craving in the human heart for improvement, for beauty; could there be any doubt that it was these things that filled the hearts of those who had, in time past, mixed the paste and smoothed the rolls with tender care, even to the first coating, which was a paper of vicious green, bespattered with pink rosebuds? The farm woman who laid that felt that it was an advancement, and may have experienced a glow of satisfaction in the knowledge that probably no neighbor had so beautiful a thing, but must gaze upon bare boards.

And now, 175 years later, comes one scorning the beautification of those primitive folks who have gone before, to revel in honey-colored pumpkin pine boards twenty-two inches across, and as soft and as smooth to the touch as a breadth of velvet. Is beauty after all something to be cherished comparatively?

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Wide paneling across one side of each of the two front rooms was painted a drab gray, beautiful, no doubt, to him or to her who had wielded the brush. But beneath this daub reposed smooth pine boards stained by the ages to a rich brown.

There were the fireplaces—at first there was only the promise of fireplaces, but the great chimney was proof of what waited behind the wall of brick and plaster that now barricaded the place where once gnarled oak knots blazed. Succeeding generations, in the days of gray paint and garish wall paper, had filled the fireplaces with rubble, then had faced them with brick even to the wall, and laid a coat of thick plaster on the bricks and several coats of a very horrible reddish brown paint over the whole. In the center was a hole for a stovepipe.

At some time in the last half century a parlor stove had gleamed there, with its door of isinglass and its ornamentations of nickel plated knobs marking another step in the progress of the people who had claimed the house for a home.

A dusty job, a tedious one, to remove that plaster and to pry apart those bricks, but one replete with pleasurable expectations and small excitements at what might lie beyond. What ecstasy in the first peep into the hole made when one brick, responding suddenly with a little clatter, and much dust, to a gentle prodding, fell inward. And the increasing delight when the removal of successive bricks revealed the blackened sides where the fires of almost two centuries past had burned, and the sight of hooks where the crane had swung heavy with its pots. Would the crane still be there, buried perhaps beneath the ashes, or had it been considered of no further use and cast aside? It might be somewhere about the place and there was much yet to explore.

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Gradually bricks were wedged apart and carted away. The fireplace began to assume proper proportions; bit by bit the cement layer that covered the hearth was picked away and when finally there was nothing to show that the fireplace had ever been otherwise than when it was built, came the fresh zest of kindling the first fire. The twigs caught easily, then the birch sticks, and finally the oak cordwood lengths cut in half, took the blaze. It grew hotter. One moved back and it was not so difficult to understand how those people who had lived there before Washington thought of taking command at Cambridge, managed to keep warm.

One could imagine how the fires, lighted in November and not allowed to grow cold until the following May, would make the bricks hot throughout and impregnate all woodwork with a friendly warmth that was not easily lost in rooms so low studded that a man of average height could, without effort, reach up and rest his palm upon the ceiling.

Opening old fireplaces that have been walled up for years, scraping thick layers of wall paper from rare old boarding, burning cold gray paint from fine old pine paneling and doing it over in warm cream, with a bit of varnish in the final coat to give it a little gloss, proved that there is joy as well as sentiment in an old house.

There remains to be done the great fireplace in the kitchen with its brick oven. Now it is all nicely bricked in and on the wide hearth of flat stones and brick stands a rickety iron cook range. One looks forward with a deal of keen anticipation to the day when a firm hand shall wrench its sooty pipe from the hole that yawns its way into the fireplace beyond. There is going to be pleasure in that. Some day it is going to be done. It is going to be a dusty job and a tedious one, but there is going to be an excitement of expectation, of hope, to go with it.

It may be that, behind that brick and plaster defacing, there will be found a crane and iron pots; mayhap an iron skillet with three legs, and hooks of varied lengths upon which the pots were hung to reach the glowing logs. There even may be a small store of silver shillings hidden away beneath the soft wood ashes on the shelf of the great flue, or a Sheffield teapot safe against marauding Indians. But a greater treasure would be a pair of rusty tongs hammered out on the anvil of some pioneer iron worker, or a pair of bellows tucked away in one corner and forgotten.

Things to dream about in an old house.

G. F. L.

Notes From Nanking

NANKING

LEADERS of the Chinese Central Government here feel that the national machinery which they have spent the last three years in building up has met the most severe test which could be imposed in the widespread civil warfare. Finances have been strained to the limit to pay army expenses. Most constructive projects, which had been scheduled to begin this year, have been delayed, but not abandoned. Mortgages have been imposed upon essential revenues, and it will take some time to pay these off. But the spirit of government employees, high and low, has been loyal, and there has been evidence of a genuine patriotism which has not been common in China. Salaries have often been months in arrears, but the Finance Minister, T. V. Soong, has managed at all times to find the money necessary to keep the Government moving. While there have been some dark moments, there has apparently never been any doubt in the thought of the leaders, at least, that the Central Government would ultimately overcome opposition. There is a feeling here that Nanking offers more hope for the future of China than any other group, and this feeling has persisted at all times.

Army Expenses Tax Finances

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The stress of civil war has made it impossible for the Central Government to meet regularly the requirements of national universities. For two years Nanking has supported universities in all parts of the country, and professors have been paid on time for a longer period than ever before since the establishment of the Republic. Remittances were sent regularly to Peiping universities for several months after the northern militarists declared war against Nanking. But prolongation of the war involved such great expenditures that this practice was no longer possible. The Finance Minister has a special interest in education, however, and hopes to resume full payments to all universities before long, so that none will have to close.

Universities Feel Stress of War

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The powerful group at Nanking which favors more drastic regulation of foreign schools and universities in China has apparently won its dispute with the moderates. This group contends that all schools should submit to government regulations, and that compulsory teaching of religion should be forbidden in all schools, private or public. Voluntary religious courses are permitted in universities, but not in primary or high schools. By these regulations, foreign missionaries are prevented from conducting primary schools, and if they are rigidly enforced, mission universities must decide whether their charters will permit them to continue. A large moderate group here has opposed these drastic regulations from the beginning, and is still endeavoring to make it possible for mission schools to continue. They argue that such limitation of religious freedom will have a disastrous effect upon public opinion abroad, and is of doubtful benefit to the Nationalist program. For the time being, however, the radicals appear to be in the saddle. They are now discussing the possibility of closing mission schools which decline to register at Nanking, thereby submitting to government regulation.

School Religious Teaching Banned

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Many of the leading men here are taking great interest in encouraging universal participation in sports among the young men and women of China. The Chinese have traditionally scorned physical exercise. During the centuries when the literati made public opinion, physical exertion of any kind was considered beneath the dignity of educated men. The Kuomintang has discouraged this attitude from the beginning. Provincial and national sports meetings have been arranged by the Government at Nanking at frequent intervals during the last two years, and now arrangements are being made to construct a national stadium here. A Chinese architect in Tientsin has submitted plans for a track and field ground, a swimming pool, a baseball field, tennis and basketball courts, etc. A site near the Purple Gold Mountain, near the Sun Yat-sen shrine, has been selected, and a small appropriation made to begin the work. If the stadium can be completed in time, the next Far Eastern Olympics probably will be held here.

Participation in Sports Increasing

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"Week-ends" in Shanghai are being discouraged by the Government. The weekly exodus of large and small politicians has almost stopped, and hundreds of government employees are now spending their entire time in the capital. This is partly due to the fact that salaries are in arrears, and many workers cannot afford the trip. But living conditions are being very gradually improved in Nanking, so that it does not become so necessary to seek amenities elsewhere. During the early days of the Nanking Government, the capital was almost deserted week-ends. Hundreds of employees made the trip to Shanghai, seven hours distant by rail, and most of the ministers journeyed to Shanghai every week or so. But the crisis of the civil war kept most ministers and party leaders constantly at their posts here, and many of them have not visited Shanghai for months. In those days, foreign diplomats held conferences in Shanghai, where accommodations are better, and rarely visited Nanking. All diplomats must now visit Nanking frequently, and have gradually improved living quarters in the consulates, where ministers and their staffs may be entertained in reasonable comfort. The city still is overcrowded, and good houses are few and far between. Chinese politicians have become used to conditions, however, and find that they work better in the comparative quiet of the capital.

Week-End Trips Are Discouraged